

Converting Colors

HunterLab(87.4992, -32.6006,
1.2918)

Have a look what the booklet for
HunterLab(87.4992, -32.6006,
1.2918) contains.

HunterLab(87.3386, -32.3187, 0.9186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.3386,
-32.3187, 0.9186)**

Conversions

Conversions Part 1

Format	Color
Hex	94F3E9
RGB	148, 243, 233
RGB Percent	58%, 95%, 91%
CMY	0.4196, 0.0470, 0.0863
CMYK	0.39, 0.00, 0.04, 0.05
HSL	174°, 80%, 77%
HSV	174°, 39%, 95%
XYZ	58.9713, 76.2803, 88.7062
YIQ	213.4550, -53.4100, -23.2500

Conversions

Conversions Part 2

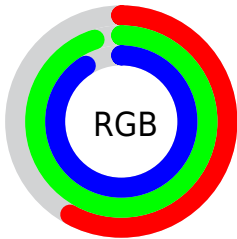
Format	Color
R_{YB}	148, 198, 243
Decimal	9761769
CIE _{Lab}	89.99, -30.40, -4.05
CIE _{LCh}	90, 30.667, 187.592
Yxy	76.2833, 0.2633, 0.3406
Android (android.graphics.Color)	4287951849 (0xFF94F3E9)
YUV	213.4550, 9.6357, -57.4040
Hunter-Lab	87.3386, -32.3187, 0.9186

Details

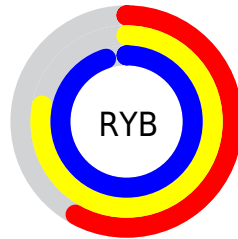
The HunterLab color **87.3386, -32.3187, 0.9186** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **65.3493, 32.3907, 11.4839**, and the grayscale version is **81.7455, -4.3617, 4.4414**.

A 20% lighter version of the original color is **95.8446, -20.1082, 0.1821**, and **63.6524, -27.7982, -0.0086** is the 20% darker color. If you saturate the color by 10%, you get **86.0842, -37.2935, 0.6054**, and if you desaturate by 10%, it is **88.8479, -26.4857, 1.5508**.

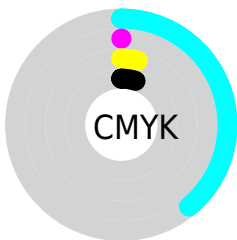
Distribution



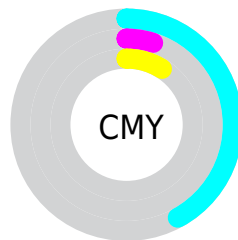
- Red (58%)
- Green (95%)
- Blue (91%)



- Red (58%)
- Yellow (78%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3386, -32.3187, 0.9186 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 87.3386, -32.3187, 0.9186 by changing the saturation by 10% instead.

87.3386, -32.3187,
0.9186

87.3386, -32.3187,
0.9186

219.6172,
-50.5225, 6.7928

75.2761, -30.1523,
0.4401

113.1933,
-36.5236, 1.9955

63.8249, -27.9263,
0.0028

126.9337,
-38.5769, 2.5872

53.0217, -25.6251,
-0.3889

141.1890,
-40.6059, 3.2123

42.9079, -23.2259,
-0.7305

155.9413,
-42.6151, 3.8694

33.5341, -20.6955,
-1.0166

171.1744,
-44.6085, 4.5571

24.9642, -17.9826,
-1.2401

186.8735,

17.2822, -15.0026,

-46.5892, 5.2743

-1.3906

203.0252,
-48.5598, 6.0198

■ 10.6057, -13.3565,
-1.4530

0.0000, NaN, -NF

■ 87.3386, -32.3187,
0.9186

■ 87.3386, -32.3187,
0.9186

■ 86.0842, -37.2935,
0.6054

■ 88.8479, -26.4857,
1.5508

■ 85.0730, -41.3889,
0.6017

■ 90.6095, -19.8308,
2.4967

■ 84.2958, -44.6121,
0.8946

■ 92.6243, -12.4100,
3.7494

■ 83.7363, -46.9989,
1.4606

■ 94.8887, -4.2889,
5.2955

■ 83.3717, -48.6198,
2.2667

■ 95.9192, -0.5695,
5.3036

■ 83.1635, -49.6177,
3.2587

■ 96.0016, -0.1225,
4.1293

■ 83.1477, -49.6958,
3.3517

■ 96.0850, 0.3299,
2.9409

■ 96.1695, 0.7877,
1.7385

■ 96.2205, 1.0639,
1.0130

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3403, -30.5760, 14.8975



87.3386, -32.3187, 0.9186



87.3403, -27.0745, -14.3962

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3403, -32.3196, 0.9198



87.3403, 14.2948, -20.8621



87.3403, 7.0037, 27.1365

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.3386, -32.3187, 0.9186



65.3493, 32.3907, 11.4839

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3403, 20.2600, 20.3589



87.3386, -32.3187, 0.9186



87.3403, 24.6702, -6.7736

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



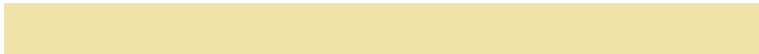
87.3403, -32.3196, 0.9198



87.3403, -0.6872, -28.3238



87.3403, 26.9260, 8.4222



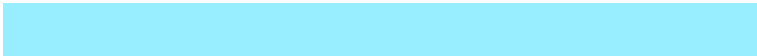
87.3403, -8.5728, 28.4709

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3386, -32.3187, 0.9186



87.3403, -20.0893, -22.7673



87.3403, 26.9260, 8.4222



87.3403, 11.9102, 25.4847

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.3403, -32.3196, 0.9198



97.1831, -15.4901, 3.5389



85.8032, -42.5751, 32.7654



44.8301, -7.6481, 1.5543

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3403, -32.3196, 0.9198



91.1686, -38.4283, 0.6787



75.6265, -12.9046, -20.1052



43.2735, -5.9469, 1.7274



61.6072, -36.7569, 2.3439



18.2874, -10.7575, 0.3646

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.3493, 32.3907, 11.4839



63.8441, 42.7504, 14.1593



74.5987, 11.9131, 23.9072



40.6336, 1.6821, 2.9343



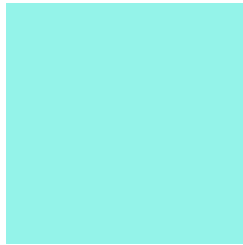
32.4145, 55.6623, 19.7715



9.6575, 16.6789, 5.1543

Previews

White Background



This preview shows how the HunterLab color 87.3386, -32.3187, 0.9186 looks on a white background.

Color Contrast Check

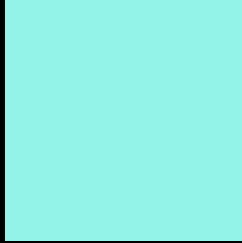
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 87.3386, -32.3187, 0.9186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

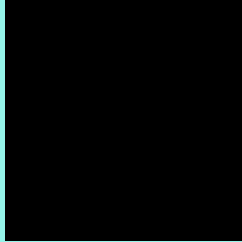
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.3386, -32.3187, 0.9186 Background



This preview shows how black text looks on a background with the HunterLab color 87.3386, -32.3187, 0.9186.



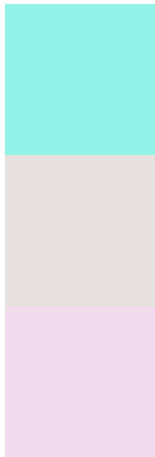
This preview shows how white text looks on a background with the HunterLab color 87.3386, -32.3187, 0.9186.

-32.3187, 0.9186.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.3386, -32.3187, 0.9186

Protanopia

86.8379, -2.9930, 6.2726

Deuteranopia

86.9119, 6.1286, -1.5192



Tritanopia

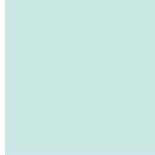
87.3279, -22.1406, -10.8091

Trichromacy



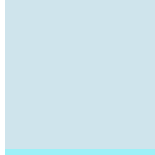
Original Color

87.3386, -32.3187, 0.9186



Protanomaly

86.5576, -15.1167, 3.7866



Deuteranomaly

86.4918, -9.7527, -1.2739



Tritanomaly

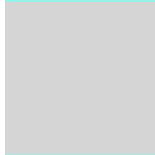
87.3525, -26.0730, -6.3567

Monochromacy



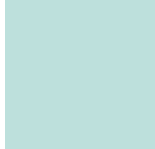
Original Color

87.3386, -32.3187, 0.9186



Achromatopsia

81.5713, -4.3524, 4.4319



Achromatomaly

83.2451, -15.8214, 2.7928

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3386, -32.3187, 0.9186 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 243, 233)` looks like.

```
.text, #text, p{  
    color:rgb(148, 243, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 243, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 243, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3386, -32.3187, 0.9186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 243, 233) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(148, 243, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(148, 243, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 243, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 243, 233);  
box-shadow:4px 4px 4px 4px rgb(148, 243,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3386, -32.3187, 0.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 243, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148,  
243, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor