

Converting Colors

HunterLab(17.5087, 38.4853,
-93.5486)

Have a look what the booklet for
HunterLab(17.5087, 38.4853,
-93.5486) contains.

HunterLab(17.5087, 38.4853, -93.5486)	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(17.5087, 38.4853,
-93.5486)**

Conversions

Conversions Part 1

Format	Color
Hex	230F9B
RGB	35, 15, 155
RGB Percent	14%, 6%, 61%
CMY	0.8627, 0.9412, 0.3922
CMYK	0.77, 0.90, 0.00, 0.39
HSL	249°, 82%, 33%
HSV	249°, 90%, 61%
XYZ	6.7804, 3.0655, 31.2448
YIQ	36.9400, -33.0200, 47.7800

Conversions

Conversions Part 2

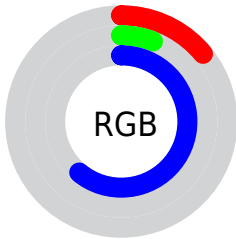
Format	Color
RYB	35, 15, 155
Decimal	2297755
CIELab	20.30, 50.89, -69.32
CIELCh	20, 85.995, 306.280
Yxy	3.0656, 0.1650, 0.0746
Android (android.graphics.Color)	4280487835 (0xFF230F9B)
YUV	36.9400, 58.2036, -1.7014
Hunter-Lab	17.5087, 38.4853, -93.5486

Details

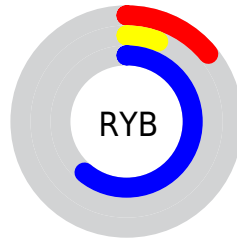
The HunterLab color **17.5087, 38.4853, -93.5486** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **53.5043, -20.9135, 32.1024**, and the grayscale version is **13.4098, -0.7155, 0.7286**.

A 20% lighter version of the original color is **33.8868, 42.3596, -86.2050**, and **9.7944, 26.5674, -69.5936** is the 20% darker color. If you saturate the color by 10%, you get **15.9341, 42.1394, -104.8327**, and if you desaturate by 10%, it is **19.8895, 33.6350, -79.5969**.

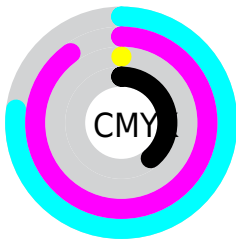
Distribution



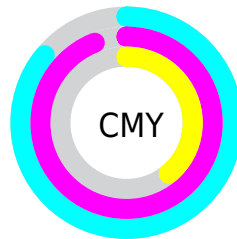
- Red (14%)
- Green (6%)
- Blue (61%)



- Red (14%)
- Yellow (6%)
- Blue (61%)



- Cyan (77%)
- Magenta (90%)
- Yellow (0%)
- Black (39%)



- Cyan (86%)
- Magenta (94%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5087, 38.4853, -93.5486 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 17.5087, 38.4853, -93.5486 by changing the saturation by 10% instead.

■ 17.5087, 38.4853,
-93.5486

■ 17.5087, 38.4853,
-93.5486

■ 113.6166, 53.1917,
-88.5284

■ 10.7984, 36.8161,
-105.1380

■ 33.8165, 42.3773,
-86.2761

■ 1.8363, 128.2601,
-405.2035

■ 43.2144, 44.2403,
-85.3978

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.3506, 45.9969,
-85.2695

0.0000, NaN, -NF

■ 64.1747, 47.6422,
-85.5749

0.0000, NaN, -NF

■ 75.6456, 49.1788,
-86.1390

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.7286, 50.6119,


-86.8583


0.0000, NaN, NaN


 100.3941, 51.9476,
-87.6685


 17.5087, 38.4853,
-93.5486


 17.5087, 38.4853,
-93.5486


 15.9341, 42.1394,
-104.8327

 19.8895, 33.6350,
-79.5969

 23.0883, 28.0431,
-64.9161

 26.9211, 22.5254,
-51.3134

 31.2338, 17.3970,
-39.3155

 35.9146, 12.7043,
-28.8413

■ 40.8855, 8.3947,
-19.6295

■ 46.0921, 4.3943,
-11.4114

■ 51.4957, 0.6345,
-3.9618

■ 57.0679, -2.9409,
2.8955

Harmonies

Analogous

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



17.5088, 4.7500, -137.3749



17.5087, 38.4853, -93.5486



17.5088, 70.2401, -30.0522

Triad

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



17.5088, 38.4876, -93.5486



17.5088, 23.4410, 12.2561



17.5088, -30.1323, -4.9467

Complementary

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



17.5087, 38.4853, -93.5486



53.5043, -20.9135, 32.1024

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.



17.5088, -28.4527, 12.1580



17.5087, 38.4853, -93.5486



17.5088, -5.9763, 12.2561

Square

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



17.5088, 38.4876, -93.5486



17.5088, 58.6150, 12.2561



17.5088, -21.5118, 12.2561



17.5088, -26.1117, -55.0955

Rectangle

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



17.5087, 38.4853, -93.5486



17.5088, 79.6315, -2.3472



17.5088, -21.5118, 12.2561



17.5088, -30.2156, 3.7144

Sweetspot

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



17.5088, 38.4876, -93.5486



56.6357, 9.6981, -23.0706



44.9114, -19.1188, -13.5992



25.9169, 5.4376, -12.6921



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



17.5088, 38.4876, -93.5486



21.2050, 56.3007, -141.2293



23.7300, 46.9124, -62.0370



24.6305, 0.1083, -1.5002



14.3181, 37.7955, -93.6564



2.0045, 4.8504, -9.6942

Inverse Universe

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



30.0982, 54.4384, -25.6437



39.3493, 75.0199, -33.7442



49.6458, -36.2679, 29.4171



25.1166, 1.6948, -0.3798



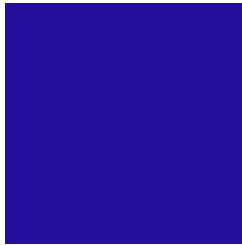
26.3783, 50.3328, -22.9481



3.2813, 6.3506, -3.5478

Previews

White Background



This preview shows how the HunterLab color 17.5087, 38.4853, -93.5486 looks on a white background.

Color Contrast Check

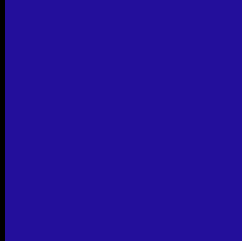
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 17.5087, 38.4853, -93.5486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

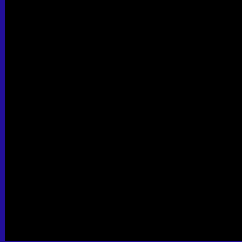
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 17.5087, 38.4853, -93.5486 Background



This preview shows how black text looks on a background with the HunterLab color 17.5087, 38.4853, -93.5486.



This preview shows how white text looks on a background with the HunterLab color 17.5087, 38.4853, -93.5486.

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

17.5087, 38.4853, -93.5486

Protanopia

17.7650, 4.0446, -30.9358

Deuteranopia

17.7316, -1.3506, -19.2475



Tritanopia

17.7316, -8.8474, -3.0640

Trichromacy



Original Color

17.5087, 38.4853, -93.5486

Protanomaly

16.7008, 16.5051, -53.6388

Deuteranomaly

16.4513, 12.6160, -44.8880

Tritanomaly

15.7467, 6.2156, -30.0607

Monochromacy



Original Color

17.5087, 38.4853, -93.5486

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.5388, 10.7827, -24.7048

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5087, 38.4853, -93.5486 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(35, 15, 155)` looks like.

```
.text, #text, p{  
    color:rgb(35, 15, 155)  
}
```

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(35, 15, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 15, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5087, 38.4853, -93.5486 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(35, 15, 155) }
```


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

```
.border{ border-color:rgb(35, 15, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 15, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 15, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 15, 155);  
box-shadow:4px 4px 4px 4px rgb(35, 15,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.5087, 38.4853, -93.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 15, 155) }
```

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

```
.background{ background-color: rgb(35, 15,  
155) }
```

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