

Converting Colors

HunterLab(31.8987, 4.0366,
-13.8957)

Have a look what the booklet for
HunterLab(31.8987, 4.0366,
-13.8957) contains.

HunterLab(31.8987, 4.0366, -13.8957)	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(31.8987, 4.0366,
-13.8957)**

Conversions

Conversions Part 1

Format	Color
Hex	565779
RGB	86, 87, 121
RGB Percent	34%, 34%, 47%
CMY	0.6627, 0.6588, 0.5255
CMYK	0.29, 0.28, 0.00, 0.53
HSL	238°, 17%, 41%
HSV	238°, 29%, 47%
XYZ	10.6971, 10.1753, 19.4894
YIQ	90.5770, -11.5100, 10.3620

Conversions

Conversions Part 2

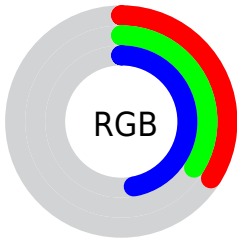
Format	Color
R_{YB}	86, 87, 121
Decimal	5658489
CIE _{Lab}	38.16, 7.98, -19.34
CIE _{LCh}	38, 20.922, 292.412
Yxy	10.1757, 0.2650, 0.2521
Android (android.graphics.Color)	4283848569 (0xFF565779)
YUV	90.5770, 14.9985, -4.0140
Hunter-Lab	31.8987, 4.0366, -13.8957

Details

The HunterLab color $31.8987, 4.0366, -13.8957$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $42.6262, -6.4159, 13.9074$, and the grayscale version is $32.1382, -1.7148, 1.7461$.

A 20% lighter version of the original color is $51.2121, 3.8077, -14.1479$, and $15.9848, 3.6775, -12.8262$ is the 20% darker color. If you saturate the color by 10%, you get $28.1038, 6.7149, -20.7277$, and if you desaturate by 10%, it is $35.8613, 1.6415, -7.7810$.

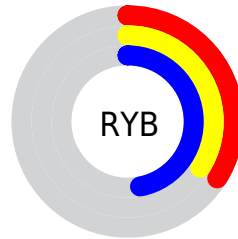
Distribution



Red (34%)

Green (34%)

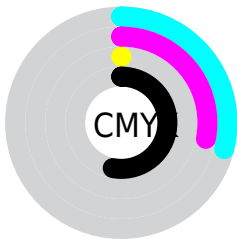
Blue (47%)



Red (34%)

Yellow (34%)

Blue (47%)

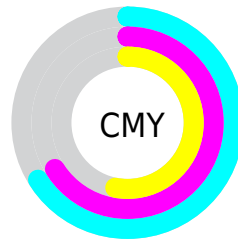


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (53%)



Cyan (66%)

Magenta (66%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8987, 4.0366, -13.8957 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 31.8987, 4.0366, -13.8957 by changing the saturation by 10% instead.

■ 31.8987, 4.0366,
-13.8957

■ 31.8987, 4.0366,
-13.8957

■ 138.5357, 1.7695,
-15.0053

■ 23.4853, 3.9684,
-13.4617

■ 51.1130, 3.9258,
-14.5726

■ 15.9776, 3.7959,
-12.9970

■ 61.7931, 3.7691,
-14.8104

■ 9.5027, 3.4891,
-12.6134

■ 73.1281, 3.5546,
-14.9839

0.0000, INF, -NF

0.0000, NaN, NaN

■ 85.0822, 3.2876,
-15.0965

0.0000, NaN, NaN

■ 97.6249, 2.9723,
-15.1518

0.0000, NaN, NaN

110.7297, 2.6124,

0.0000, NaN, NaN

-15.1530

0.0000, NaN, NaN

124.3734, 2.2106,
-15.1033

■ 31.8987, 4.0366,
-13.8957

■ 31.8987, 4.0366,
-13.8957

■ 28.1038, 6.7149,
-20.7277

■ 35.8613, 1.6415,
-7.7810

■ 24.5115, 9.7586,
-28.4810

■ 39.9634, -0.5346,
-2.2215

■ 21.1749, 13.2554,
-37.3702

■ 44.1862, -2.5422,
2.9103

■ 18.1702, 17.2639,
-47.5272

■ 48.5152, -4.4194,
7.7107

■ 15.6047, 21.7110,
-58.7345

■ 52.9390, -6.1950,
12.2529

■ 13.6161, 26.1923,
-69.9194

■ 57.4487, -7.8907,
16.5924

■ 12.2123, 30.0604,
-79.7714

■ 62.0369, -9.5234,
20.7718

■ 12.0646, 30.5041,
-80.9292

■ 66.6977, -11.1059,
24.8241

■ 71.4260, -12.6484,
28.7752

Harmonies

Analogous

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



31.8993, -3.6027, -15.2588



31.8987, 4.0366, -13.8957



31.8993, 10.6660, -7.9142

Triad

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



31.8993, 4.0362, -13.8950



31.8993, 7.6668, 10.8734



31.8993, -14.8849, 3.5107

Complementary

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



31.8987, 4.0366, -13.8957



42.6262, -6.4159, 13.9074

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.



31.8993, -12.4355, 9.0788



31.8987, 4.0366, -13.8957



31.8993, 0.2406, 12.6361

Square

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



31.8993, 4.0362, -13.8950



31.8993, 12.8946, 6.5762



31.8993, -7.0646, 12.0659



31.8993, -14.0728, -4.0053

Rectangle

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



31.8987, 4.0366, -13.8957



31.8993, 13.3870, -2.7361



31.8993, -7.0646, 12.0659



31.8993, -14.4242, 5.6424

Sweetspot

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



31.8993, 4.0362, -13.8950



53.3109, -0.6315, -3.1871



41.2376, -11.3259, -0.2600



25.1728, -0.1407, -1.9362



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



31.8993, 4.0362, -13.8950



39.1309, 7.8460, -24.8312



32.9859, 8.8167, -12.0343



19.7743, -0.2490, -1.1417



12.4776, 31.6277, -83.8710



26.8579, 70.7702, -186.3426

Inverse Universe

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



33.7771, 9.2389, 5.1469



42.3551, 16.3333, 7.9224



41.6292, -11.5180, 12.9105



20.0418, 0.5748, 1.5721



20.8903, 35.8127, 13.2084



45.6019, 78.1294, 29.1981

Previews

White Background



This preview shows how the HunterLab color 31.8987, 4.0366, -13.8957 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 × Fail

Black Background



This preview shows how the HunterLab color 31.8987, 4.0366, -13.8957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

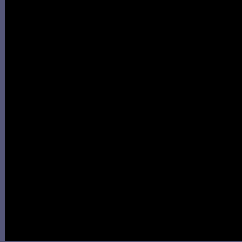
Any Text WCAG AA × Fail

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 31.8987, 4.0366, -13.8957 Background



This preview shows how black text looks on a background with the HunterLab color 31.8987, 4.0366, -13.8957.



This preview shows how white text looks on a background with the HunterLab color 31.8987, 4.0366, -13.8957.

-13.8957.

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

31.8987, 4.0366, -13.8957

Protanopia

32.0240, 1.8907, -14.3229

Deuteranopia

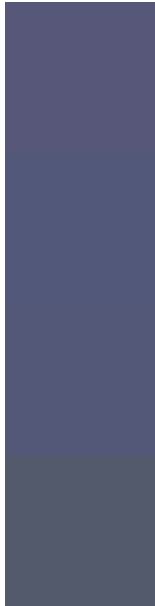
31.7951, 2.3760, -14.0983



Tritanopia

31.8314, -3.0681, -2.4266

Trichromacy



Original Color

31.8987, 4.0366, -13.8957

Protanomaly

31.9036, 2.8165, -14.5095

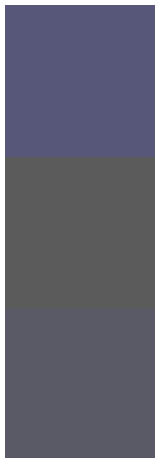
Deuteranomaly

31.9358, 2.8464, -13.8548

Tritanomaly

31.9576, -0.7559, -6.1278

Monochromacy



Original Color

31.8987, 4.0366, -13.8957

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.2420, -0.0963, -3.2500

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8987, 4.0366, -13.8957 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(86, 87, 121)` looks like.

```
.text, #text, p{  
    color:rgb(86, 87, 121)  
}
```

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(86, 87, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 87, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8987, 4.0366, -13.8957 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(86, 87, 121) }
```


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

```
.border{ border-color:rgb(86, 87, 121) }
```

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

Here you see how a box with a 4 pixel rgb(86, 87, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 87, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 87, 121);  
box-shadow:4px 4px 4px 4px rgb(86, 87,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8987, 4.0366, -13.8957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 87, 121) }
```

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

```
.background{ background-color: rgb(86, 87,  
121) }
```

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