

Converting Colors

HunterLab(31.6520, -15.4034,
8.9567)

Have a look what the booklet for
HunterLab(31.6520, -15.4034,
8.9567) contains.

HunterLab(31.6585, -15.3793, 8.9965)	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(31.6585,
-15.3793, 8.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	396244
RGB	57, 98, 68
RGB Percent	22%, 38%, 27%
CMY	0.7765, 0.6157, 0.7333
CMYK	0.42, 0.00, 0.31, 0.62
HSL	136°, 26%, 30%
HSV	136°, 42%, 38%
XYZ	7.0984, 10.0226, 7.0293
YIQ	82.3210, -14.8060, -18.0220

Conversions

Conversions Part 2

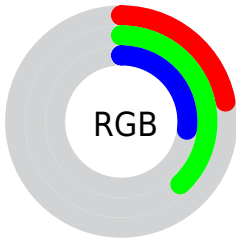
Format	Color
RYB	57, 89, 98
Decimal	3760708
CIELab	37.88, -21.69, 12.67
CIElCh	38, 25.123, 149.713
Yxy	10.0230, 0.2939, 0.4150
Android (android.graphics.Color)	4281950788 (0xFF396244)
YUV	82.3210, -7.0603, -22.2065
Hunter-Lab	31.6585, -15.3793, 8.9965

Details

The HunterLab color $[31.6585, -15.3793, 8.9965]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[24.9224, 15.2648, -5.8275]$, and the grayscale version is $[29.1934, -1.5577, 1.5861]$.

A 20% lighter version of the original color is $[50.8134, -19.2155, 11.6952]$, and $[15.7780, -11.1007, 6.0720]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.1127, -17.8026, 10.4922]$, and if you desaturate by 10%, it is $[32.2992, -12.6166, 7.4058]$.

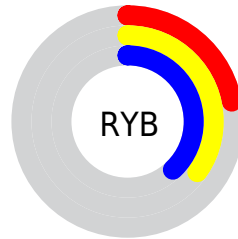
Distribution



Red (22%)

Green (38%)

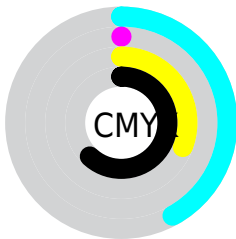
Blue (27%)



Red (22%)

Yellow (35%)

Blue (38%)

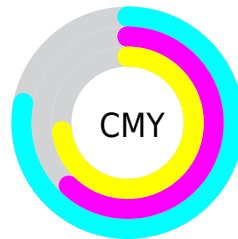


Cyan (42%)

Magenta (0%)

Yellow (31%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6585, -15.3793, 8.9965 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 31.6585, -15.3793, 8.9965 by changing the saturation by 10% instead.

■ 31.6585, -15.3793,
8.9965

■ 31.6585, -15.3793,
8.9965

138.1435,
-31.1227, 20.4980

■ 23.2685, -13.3272,
7.6198

■ 50.8319, -19.1658,
11.6171

■ 15.7870, -11.0934,
6.1562

■ 61.4935, -20.9592,
12.8933

■ 9.3422, -10.6176,
6.1303

■ 72.8112, -22.7098,
14.1597

0.0000, NaN, NaN

■ 84.7489, -24.4285,
15.4219

0.0000, NaN, NaN

■ 97.2759, -26.1237,
16.6842

0.0000, NaN, NaN

■ 110.3658,

0.0000, NaN, NaN

-27.8015, 17.9495

0.0000, NaN, NaN

123.9951,
-29.4666, 19.2202

■ 31.6585, -15.3793,
8.9965

■ 31.6585, -15.3793,
8.9965

■ 31.1127, -17.8026,
10.4922

■ 32.2992, -12.6166,
7.4058

■ 30.6589, -19.8664,
11.8757

■ 33.0325, -9.5379,
5.7363

■ 30.2955, -21.5615,
13.1326

■ 33.8574, -6.1733,
4.0053

■ 30.0184, -22.8890,
14.2506

■ 34.7717, -2.5547,
2.2289

■ 29.8203, -23.8679,
15.2195

■ 35.7723, 1.2856,
0.4221

■ 29.6845, -24.5416,
15.8753

■ 36.8558, 5.3159,
-1.4020

■ 38.0183, 9.5066,
-3.2322

■ 39.2559, 13.8306,
-5.0591

■ 40.5644, 18.2640,
-6.8752

Harmonies

Analogous

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



31.6592, -9.8753, 13.0064



31.6585, -15.3793, 8.9965



31.6592, -17.3033, 1.8062

Triad

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



31.6592, -15.3798, 8.9968



31.6592, -1.7782, -19.7448



31.6592, 14.9139, 8.8892

Complementary

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



31.6585, -15.3793, 8.9965



24.9224, 15.2648, -5.8275

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.



31.6592, 17.6920, 1.6401



31.6585, -15.3793, 8.9965



31.6592, 7.4197, -16.3242

Square

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



31.6592, -15.3798, 8.9968



31.6592, -10.0106, -16.1977



31.6592, 14.8095, -7.8311



31.6592, 7.5878, 12.9577

Rectangle

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



31.6585, -15.3793, 8.9965



31.6592, -16.4852, -4.3951



31.6592, 14.8095, -7.8311



31.6592, 16.4450, 6.8214

Sweetspot

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



31.6592, -15.3798, 8.9968



44.6422, -8.8858, 5.6618



33.2577, -9.6638, 13.4230



21.6769, -4.6878, 2.9410



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.6592, -15.3798, 8.9968



41.2089, -23.4634, 13.8231



32.1208, -12.6722, 2.3541



16.9304, -2.5420, 1.7275



34.2444, -28.3819, 18.4658



79.0679, -66.1135, 43.8920

Inverse Universe

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



24.9224, 15.2648, -5.8275



30.5346, 25.3808, -9.6047



24.3376, 12.4210, 2.4428



16.1799, 0.8368, 0.0716



20.1707, 37.5704, -10.4348



46.4578, 86.2556, -21.8797

Previews

White Background



This preview shows how the HunterLab color 31.6585, -15.3793, 8.9965 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 31.6585, -15.3793, 8.9965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

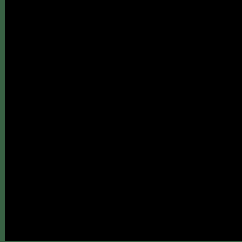
Any Text WCAG AA × Fail

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 31.6585, -15.3793, 8.9965 Background



This preview shows how black text looks on a background with the HunterLab color 31.6585, -15.3793, 8.9965.



This preview shows how white text looks on a background with the HunterLab color 31.6585,

-15.3793, 8.9965.

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

31.6585, -15.3793, 8.9965

Protanopia

31.6255, -2.7315, 10.3462

Deuteranopia

31.4563, 2.2345, 8.1864



Tritanopia

31.6780, -7.7321, -3.6590

Trichromacy



Original Color

31.6585, -15.3793, 8.9965

Protanomaly

31.3525, -7.8345, 9.7248

Deuteranomaly

31.2742, -5.1188, 8.1964

Tritanomaly

31.4607, -10.6885, 1.3874

Monochromacy



Original Color

31.6585, -15.3793, 8.9965

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.8860, -7.0458, 4.3632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6585, -15.3793, 8.9965 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(57, 98, 68)` looks like.

```
.text, #text, p{  
    color:rgb(57, 98, 68)  
}
```

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(57, 98, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 98, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6585, -15.3793, 8.9965 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(57, 98, 68) }
```


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

```
.border{ border-color:rgb(57, 98, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 98, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 98, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 98, 68);  
box-shadow:4px 4px 4px 4px rgb(57, 98, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.6585, -15.3793, 8.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 98, 68) }
```

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

```
.background{ background-color: rgb(57, 98,  
68) }
```

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