

Converting Colors

HunterLab(31.1202, 3.8758,
-23.5811)

Have a look what the booklet for
HunterLab(31.1202, 3.8758,
-23.5811) contains.

HunterLab(31.1109, 3.8300, -23.7456)	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(31.1109, 3.8300,
-23.7456)**

Conversions

Conversions Part 1

Format	Color
Hex	465686
RGB	70, 86, 134
RGB Percent	27%, 34%, 53%
CMY	0.7255, 0.6627, 0.4745
CMYK	0.48, 0.36, 0.00, 0.47
HSL	225°, 31%, 40%
HSV	225°, 48%, 53%
XYZ	10.1566, 9.6789, 23.8871
YIQ	86.6880, -24.9440, 11.5360

Conversions

Conversions Part 2

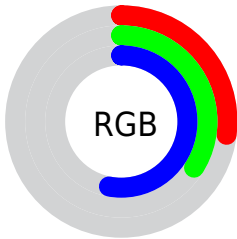
Format	Color
R_{YB}	70, 83, 134
Decimal	4609670
CIE Lab	37.26, 7.70, -28.80
CIE LCh	37, 29.807, 284.972
Yxy	9.6792, 0.2323, 0.2214
Android (android.graphics.Color)	4282799750 (0xFF465686)
YUV	86.6880, 23.3248, -14.6354
Hunter-Lab	31.1109, 3.8300, -23.7456

Details

The HunterLab color $31.1109, 3.8300, -23.7456$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $42.9743, -2.8659, 18.4355$, and the grayscale version is $30.6819, -1.6371, 1.6670$.

A 20% lighter version of the original color is $50.0533, 3.9140, -24.7783$, and $15.2844, 3.6967, -23.0532$ is the 20% darker color. If you saturate the color by 10%, you get $27.8238, 6.1532, -30.8089$, and if you desaturate by 10%, it is $34.5742, 1.9320, -17.3394$.

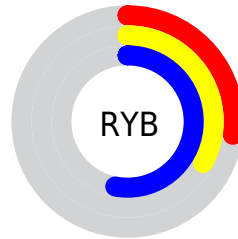
Distribution



Red (27%)

Green (34%)

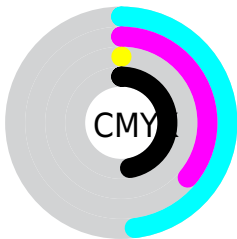
Blue (53%)



Red (27%)

Yellow (33%)

Blue (53%)

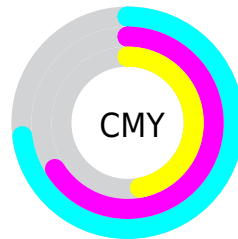


Cyan (48%)

Magenta (36%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1109, 3.8300, -23.7456 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 31.1109, 3.8300, -23.7456 by changing the saturation by 10% instead.

■ 31.1109, 3.8300,
-23.7456

■ 31.1109, 3.8300,
-23.7456

■ 137.2469, 1.4899,
-27.2699

■ 22.7745, 3.7710,
-23.2087

■ 50.1900, 3.7020,
-24.8632

■ 15.3534, 3.6069,
-22.8477

■ 60.8095, 3.5367,
-25.3691

■ 8.9654, 3.3609,
-23.1640

■ 72.0874, 3.3138,
-25.8228

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.9874, 3.0387,
-26.2212

0.0000, NaN, NaN

■ 96.4785, 2.7155,
-26.5638

0.0000, NaN, NaN

109.5339, 2.3477,

0.0000, NaN, NaN

-26.8517

0.0000, NaN, NaN

123.1303, 1.9384,
-27.0864

■ 31.1109, 3.8300,
-23.7456

■ 31.1109, 3.8300,
-23.7456

■ 27.8238, 6.1532,
-30.8089

■ 34.5742, 1.9320,
-17.3394

■ 24.7469, 8.9897,
-38.6309

■ 38.1849, 0.3807,
-11.4844

■ 21.9276, 12.4207,
-47.2557

■ 41.9227, -0.8890,
-6.0811

■ 19.4253, 16.4807,
-56.5824

■ 45.7715, -1.9294,
-1.0455

■ 17.2838, 21.0197,
-66.3519

■ 49.7186, -2.7817,
3.6912

■ 16.8429, 22.0405,
-68.6312

■ 53.7538, -3.4785,
8.1846

■ 57.8691, -4.0457,
12.4796

■ 62.0576, -4.5039,
16.6121

■ 66.3136, -4.8695,
20.6113

Harmonies

Analogous

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



31.1115, -6.8153, -23.7362



31.1109, 3.8300, -23.7456



31.1115, 14.2435, -15.5636

Triad

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



31.1115, 3.8300, -23.7448



31.1115, 14.2605, 12.5877



31.1115, -19.1326, 6.3499

Complementary

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



31.1109, 3.8300, -23.7456



42.9743, -2.8659, 18.4355

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.



31.1115, -14.9000, 12.5958



31.1109, 3.8300, -23.7456



31.1115, 3.8509, 15.2798

Square

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



31.1115, 3.8300, -23.7448



31.1115, 20.7958, 6.3343



31.1115, -6.7971, 15.2822



31.1115, -19.1366, -3.7948

Rectangle

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



31.1109, 3.8300, -23.7456



31.1115, 19.2454, -7.7692



31.1115, -6.7971, 15.2822



31.1115, -18.1854, 8.8836

Sweetspot

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



31.1115, 3.8300, -23.7448



57.3940, -1.6880, -5.7147



44.3402, -19.9426, 4.0544



26.7948, -0.6736, -3.3110



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.1115, 3.8300, -23.7448



36.7231, 8.3368, -41.3837



28.4261, 15.1296, -29.2622



21.7252, -0.8643, -0.8214



16.3518, 21.1952, -66.1927



1.3938, 0.2362, -2.2519

Inverse Universe

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



31.8134, 21.2045, 3.5660



38.4823, 35.0448, 6.0345



46.1998, -14.7730, 20.7728



21.6943, 0.8449, 1.1902



22.0383, 38.2271, 10.4741



1.3361, 2.3927, 0.0529

Previews

White Background



This preview shows how the HunterLab color 31.1109, 3.8300, -23.7456 looks on a white background.

Color Contrast Check

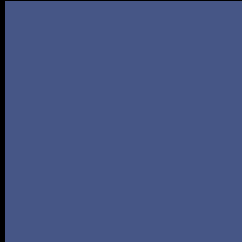
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1109, 3.8300, -23.7456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

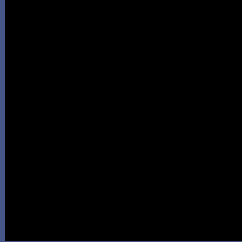
Any Text WCAG AA × Fail

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 31.1109, 3.8300, -23.7456 Background



This preview shows how black text looks on a background with the HunterLab color 31.1109, 3.8300, -23.7456.



This preview shows how white text looks on a background with the HunterLab color 31.1109, 3.8300, -23.7456.

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

31.1109, 3.8300, -23.7456

Protanopia

31.1109, 3.8300, -23.7456

Deuteranopia

31.0829, 2.4076, -23.8266



Tritanopia

31.1600, -8.2548, -3.8847

Trichromacy



Original Color

31.1109, 3.8300, -23.7456

Protanomaly

31.1109, 3.8300, -23.7456

Deuteranomaly

31.1944, 2.7804, -23.5975

Tritanomaly

30.9389, -3.9771, -10.3815

Monochromacy



Original Color

31.1109, 3.8300, -23.7456

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.9277, -0.4468, -6.0574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1109, 3.8300, -23.7456 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(70, 86, 134)` looks like.

```
.text, #text, p{  
    color:rgb(70, 86, 134)  
}
```

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(70, 86, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 86, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1109, 3.8300, -23.7456 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(70, 86, 134) }
```


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

```
.border{ border-color:rgb(70, 86, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 86, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 86, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 86, 134);  
box-shadow:4px 4px 4px 4px rgb(70, 86,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1109, 3.8300, -23.7456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 86, 134) }
```

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

```
.background{ background-color: rgb(70, 86,  
134) }
```

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](#).

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