

Converting Colors

HunterLab(31.1649, -0.4943,
-22.7461)

Have a look what the booklet for
HunterLab(31.1649, -0.4943,
-22.7461) contains.

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Color

**HunterLab(31.1110, -0.2999,
-23.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	385985
RGB	56, 89, 133
RGB Percent	22%, 35%, 52%
CMY	0.7804, 0.6510, 0.4784
CMYK	0.58, 0.33, 0.00, 0.48
HSL	214°, 41%, 37%
HSV	214°, 58%, 52%
XYZ	9.4369, 9.6789, 23.5611
YIQ	84.1490, -33.7920, 6.6880

Conversions

Conversions Part 2

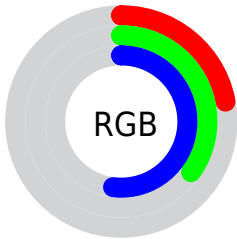
Format	Color
R_{YB}	56, 79, 133
Decimal	3692933
CIE _{Lab}	37.26, 1.96, -28.24
CIE _{LCh}	37, 28.312, 273.965
Yxy	9.6793, 0.2211, 0.2268
Android (android.graphics.Color)	4281883013 (0xFF385985)
YUV	84.1490, 24.0835, -24.6867
Hunter-Lab	31.1110, -0.2999, -23.1240

Details

The HunterLab color **31.1110, -0.2999, -23.1240** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **37.9303, 3.9498, 17.5926**, and the grayscale version is **29.7539, -1.5876, 1.6166**.

A 20% lighter version of the original color is **50.2609, -1.2930, -23.8517**, and **15.5753, 0.9591, -21.5381** is the 20% darker color. If you saturate the color by 10%, you get **28.5400, 1.2776, -28.4906**, and if you desaturate by 10%, it is **33.8315, -1.4447, -18.0673**.

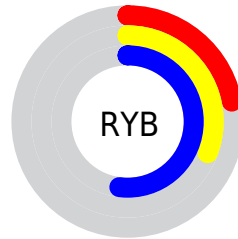
Distribution



Red (22%)

Green (35%)

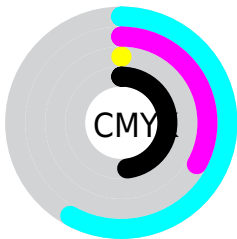
Blue (52%)



Red (22%)

Yellow (31%)

Blue (52%)

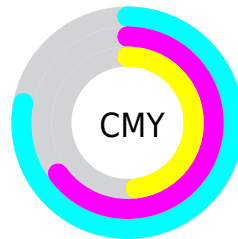


Cyan (58%)

Magenta (33%)

Yellow (0%)

Black (48%)



Cyan (78%)

Magenta (65%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1110, -0.2999, -23.1240 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 31.1110, -0.2999, -23.1240 by changing the saturation by 10% instead.

■ 31.1110, -0.2999,
-23.1240

■ 31.1110, -0.2999,
-23.1240

■ 137.2470, -5.1088,
-26.5315

■ 22.7746, 0.0134,
-22.5854

■ 50.1901, -1.0871,
-24.2255

■ 15.3535, 0.2617,
-22.2065

■ 60.8096, -1.5503,
-24.7190

■ 8.9654, 0.4727,
-22.4626

■ 72.0875, -2.0546,
-25.1590

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.9875, -2.5973,
-25.5430

0.0000, NaN, NaN

■ 96.4786, -3.1759,
-25.8707

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5341, -3.7884,

-26.1435

0.0000, NaN, NaN

123.1304, -4.4332,
-26.3631

■ 31.1110, -0.2999,
-23.1240

■ 31.1110, -0.2999,
-23.1240

■ 28.5400, 1.2776,
-28.4906

■ 33.8315, -1.4447,
-18.0673

■ 26.1373, 3.3444,
-34.1727

■ 36.6821, -2.2151,
-13.3023

■ 23.9258, 5.9452,
-40.1426

■ 39.6481, -2.6640,
-8.7994

■ 21.9056, 9.0270,
-46.4048

■ 42.7167, -2.8380,
-4.5277

■ 21.4931, 9.6981,
-47.8000

■ 45.8773, -2.7767,
-0.4572

■ 49.1208, -2.5132,
3.4397

■ 52.4397, -2.0755,
7.1876

■ 55.8275, -1.4863,
10.8079

■ 59.2788, -0.7651,
14.3193

Harmonies

Analogous

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



31.1115, -9.7775, -20.0493



31.1110, -0.2999, -23.1240



31.1115, 10.0176, -17.9892

Triad

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



31.1115, -0.2998, -23.1233



31.1115, 16.2478, 10.3871



31.1115, -17.3360, 8.7936

Complementary

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



31.1110, -0.2999, -23.1240



37.9303, 3.9498, 17.5926

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, -11.8375, 13.4968



31.1110, -0.2999, -23.1240



31.1115, 7.3820, 14.1882

Square

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



31.1115, -0.2998, -23.1233



31.1115, 20.3150, 2.9509



31.1115, -3.0006, 15.1102



31.1115, -18.8448, 0.3813

Rectangle

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



31.1110, -0.2999, -23.1240



31.1115, 15.7573, -11.3368



31.1115, -3.0006, 15.1102



31.1115, -15.9310, 10.7596

Sweetspot

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



31.1115, -0.2998, -23.1233



57.3747, -3.8008, -5.7775



43.0454, -24.3186, 9.6193



26.9076, -1.7980, -3.1780



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, -0.2998, -23.1233



37.3084, 2.3828, -40.1208



23.4918, 16.4923, -41.2413



22.0192, -1.3535, -0.4594



21.0134, 9.3853, -46.5251



1.7121, -0.3028, -1.4862

Inverse Universe

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



29.2174, 27.6223, -0.6923



35.4484, 44.6229, 0.2581



46.5184, -12.4007, 23.6781



21.7242, 1.0058, 0.7640



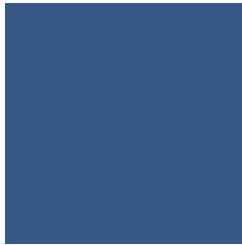
22.4337, 39.6795, 4.7201



1.3730, 2.5256, -0.4650

Previews

White Background



This preview shows how the HunterLab color 31.1110, -0.2999, -23.1240 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 31.1110, -0.2999, -23.1240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

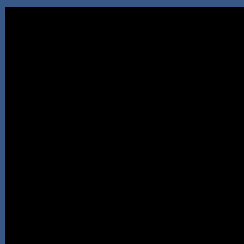
Any Text WCAG AA × Fail

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 31.1110, -0.2999, -23.1240 Background



This preview shows how black text looks on a background with the HunterLab color 31.1110, -0.2999, -23.1240.



This preview shows how white text looks on a background with the HunterLab color 31.1110, -0.2999, -23.1240.

-23.1240.

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

31.1110, -0.2999, -23.1240

Protanopia

31.0564, 3.2972, -21.1241

Deuteranopia

31.0381, 2.1683, -23.2251



Tritanopia

31.1435, -11.0612, -5.4323

Trichromacy



Original Color

31.1110, -0.2999, -23.1240

Protanomaly

31.0054, 1.8817, -21.9229

Deuteranomaly

31.1401, 1.1640, -23.0411

Tritanomaly

31.0998, -7.5292, -11.3180

Monochromacy



Original Color

31.1110, -0.2999, -23.1240

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.1177, -2.0315, -6.2234

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1110, -0.2999, -23.1240 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(56, 89, 133)` looks like.

```
.text, #text, p{  
    color:rgb(56, 89, 133)  
}
```

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(56, 89, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 89, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1110, -0.2999, -23.1240 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(56, 89, 133) }
```


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

```
.border{ border-color:rgb(56, 89, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 89, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 89, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 89, 133);  
box-shadow:4px 4px 4px 4px rgb(56, 89,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1110, -0.2999, -23.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 89, 133) }
```

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

```
.background{ background-color: rgb(56, 89,  
133) }
```

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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