

Converting Colors

HunterLab(31.5922, 11.8335,
-15.4942)

Have a look what the booklet for
HunterLab(31.5922, 11.8335,
-15.4942) contains.

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Color

**HunterLab(31.6104, 12.0113,
-15.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	66507B
RGB	102, 80, 123
RGB Percent	40%, 31%, 48%
CMY	0.6000, 0.6863, 0.5176
CMYK	0.17, 0.35, 0.00, 0.52
HSL	271°, 21%, 40%
HSV	271°, 35%, 48%
XYZ	11.9233, 9.9922, 20.0391
YIQ	91.4800, -0.6910, 18.0370

Conversions

Conversions Part 2

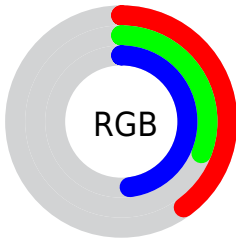
Format	Color
R_{YB}	102, 80, 123
Decimal	6705275
CIE _{Lab}	37.83, 18.28, -20.96
CIE _{LCh}	38, 27.806, 311.096
Yxy	9.9926, 0.2842, 0.2382
Android (android.graphics.Color)	4284895355 (0xFF66507B)
YUV	91.4800, 15.5394, 9.2260
Hunter-Lab	31.6104, 12.0113, -15.4591

Details

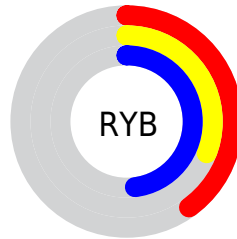
The HunterLab color $[31.6104, 12.0113, -15.4591]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[41.8474, -13.9508, 14.7885]$, and the grayscale version is $[32.4671, -1.7324, 1.7640]$.

A 20% lighter version of the original color is $[50.7002, 13.4211, -16.5570]$, and $[15.7504, 10.4976, -14.4985]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.3106, 16.3295, -21.5139]$, and if you desaturate by 10%, it is $[35.1077, 7.7795, -9.8771]$.

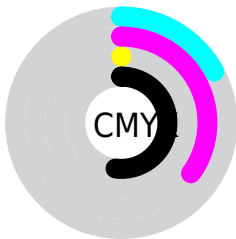
Distribution



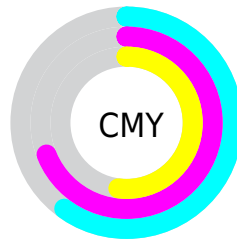
- Red (40%)
- Green (31%)
- Blue (48%)



- Red (40%)
- Yellow (31%)
- Blue (48%)



- Cyan (17%)
- Magenta (35%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6104, 12.0113, -15.4591 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 31.6104, 12.0113, -15.4591 by changing the saturation by 10% instead.

31.6104, 12.0113,
-15.4591

31.6104, 12.0113,
-15.4591

138.0649, 13.9604,
-17.0431

23.2251, 11.3384,
-14.9875

50.7755, 13.0003,
-16.2359

15.7489, 10.5186,
-14.5094

61.4335, 13.3491,
-16.5280

9.3098, 9.5283,
-14.1807

72.7477, 13.6156,
-16.7562

0.0000, INF, -NF

84.6821, 13.8084,
-16.9233

0.0000, NaN, NaN

97.2060, 13.9341,
-17.0326

0.0000, NaN, NaN

110.2928, 13.9984,

0.0000, NaN, NaN

-17.0871

0.0000, NaN, NaN

123.9193, 14.0058,
-17.0897

■ 31.6104, 12.0113,
-15.4591

■ 31.6104, 12.0113,
-15.4591

■ 28.3106, 16.3295,
-21.5139

■ 35.1077, 7.7795,
-9.8771

■ 25.2465, 20.6942,
-28.0886

■ 38.7696, 3.6449,
-4.7040

■ 22.4704, 24.9992,
-35.1608

■ 42.5730, -0.3994,
0.1290

■ 20.0457, 29.0309,
-42.5648

■ 46.4993, -4.3655,
4.6825

■ 18.0432, 32.4287,
-49.8907

■ 50.5340, -8.2668,
9.0081

16.4971, 34.8228,
-56.5723

54.6654, -12.1161,
13.1482

15.7625, 36.0661,
-60.1421

58.8843, -15.9248,
17.1373

63.1829, -19.7025,
21.0036

67.5547, -23.4575,
24.7698

Harmonies

Analogous

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



31.6111, 2.1087, -22.0894



31.6104, 12.0113, -15.4591



31.6111, 18.6999, -4.8175

Triad

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



31.6111, 12.0107, -15.4583



31.6111, 4.8044, 14.6197



31.6111, -18.4719, -2.0168

Complementary

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



31.6104, 12.0113, -15.4591



41.8474, -13.9508, 14.7885

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.



31.6111, -17.9402, 7.1052



31.6104, 12.0113, -15.4591



31.6111, -5.3143, 14.9468

Square

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



31.6111, 12.0107, -15.4583



31.6111, 14.1946, 11.5589



31.6111, -13.3906, 12.6575



31.6111, -14.9466, -12.8665

Rectangle

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



31.6104, 12.0113, -15.4591



31.6111, 19.9922, 2.0695



31.6111, -13.3906, 12.6575



31.6111, -18.7491, 1.3679

Sweetspot

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



31.6111, 12.0107, -15.4583



54.2571, 2.3132, -3.1958



35.4128, -3.5718, -9.6152



26.0447, 1.4283, -1.9174



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



31.6111, 12.0107, -15.4583



38.7124, 20.7316, -27.1763



33.7323, 18.2925, -11.8309



19.9623, 0.6090, -0.8853



16.0218, 36.6711, -61.2225



34.2587, 79.2671, -137.5356

Inverse Universe

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



32.9973, 14.6682, -1.5332



41.1221, 24.9720, -2.7458



40.5596, -18.8744, 13.5674



20.1113, 0.9492, 0.5808



21.6642, 38.6568, 1.9352



47.1348, 83.7690, 6.8199

Previews

White Background



This preview shows how the HunterLab color 31.6104, 12.0113, -15.4591 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 31.6104, 12.0113, -15.4591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

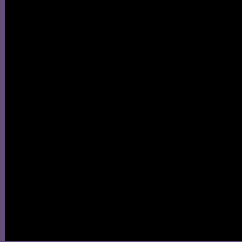
Any Text WCAG AA × Fail

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 31.6104, 12.0113, -15.4591 Background



This preview shows how black text looks on a background with the HunterLab color 31.6104, 12.0113, -15.4591.



This preview shows how white text looks on a background with the HunterLab color 31.6104, 12.0113, -15.4591.

-15.4591.

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

31.6104, 12.0113, -15.4591

Protanopia

31.7820, 2.9755, -19.1089

Deuteranopia

31.7260, 2.1444, -14.2183



Tritanopia

31.6027, 2.4959, 0.0883

Trichromacy



Original Color

31.6104, 12.0113, -15.4591

Protanomaly

31.5604, 5.9968, -18.1678

Deuteranomaly

31.5861, 5.6774, -14.9990

Tritanomaly

31.6113, 5.7470, -4.9847

Monochromacy



Original Color

31.6104, 12.0113, -15.4591

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.9821, 3.0568, -4.0278

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6104, 12.0113, -15.4591 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(102, 80, 123)` looks like.

```
.text, #text, p{  
    color:rgb(102, 80, 123)  
}
```

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(102, 80, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 80, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6104, 12.0113, -15.4591 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(102, 80, 123) }
```


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

```
.border{ border-color:rgb(102, 80, 123) }
```

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

Here you see how a box with a 4 pixel rgb(102, 80, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 80, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 80, 123);  
box-shadow:4px 4px 4px 4px rgb(102, 80,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6104, 12.0113, -15.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 80, 123) }
```

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

```
.background{ background-color: rgb(102, 80,  
123) }
```

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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