

Converting Colors

HunterLab(60.1505, -3.7283,
31.6871)

Have a look what the booklet for
HunterLab(60.1505, -3.7283,
31.6871) contains.

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Color

**HunterLab(60.1030, -3.8839,
31.5724)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA044
RGB	187, 160, 68
RGB Percent	73%, 63%, 27%
CMY	0.2667, 0.3725, 0.7333
CMYK	0.00, 0.14, 0.64, 0.27
HSL	46°, 47%, 50%
HSV	46°, 64%, 73%
XYZ	34.1076, 36.1237, 10.6437
YIQ	157.5850, 45.6240, -22.8880

Conversions

Conversions Part 2

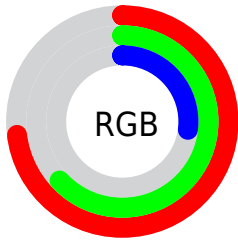
Format	Color
RYB	103, 187, 68
Decimal	12296260
CIELab	66.62, -0.79, 50.31
CIELCh	67, 50.314, 90.898
Yxy	36.1254, 0.4217, 0.4467
Android (android.graphics.Color)	4290486340 (0xFFBBA044)
YUV	157.5850, -44.1654, 25.7970
Hunter-Lab	60.1030, -3.8839, 31.5724

Details

The HunterLab color **60.1030, -3.8839, 31.5724** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **36.0564, 13.3654, -54.8554**, and the grayscale version is **58.4665, -3.1196, 3.1766**.

A 20% lighter version of the original color is **83.0915, -4.8239, 38.4369**, and **39.7355, -2.6255, 23.9199** is the 20% darker color. If you saturate the color by 10%, you get **58.7252, -2.7581, 33.1703**, and if you desaturate by 10%, it is **61.5527, -4.7074, 29.2221**.

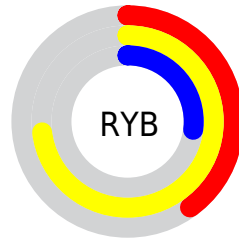
Distribution



Red (73%)

Green (63%)

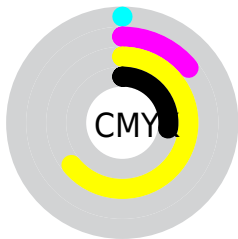
Blue (27%)



Red (40%)

Yellow (73%)

Blue (27%)

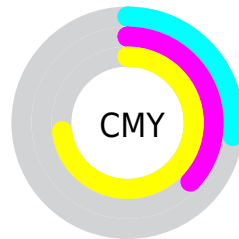


Cyan (0%)

Magenta (14%)

Yellow (64%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.1030, -3.8839, 31.5724 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 60.1030, -3.8839, 31.5724 by changing the saturation by 10% instead.

60.1030, -3.8839,
31.5724

60.1030, -3.8839,
31.5724

181.5237,
-10.6738, 59.8276

49.5289, -3.2790,
27.8264

83.2019, -5.1977,
38.5541

39.6586, -2.7064,
23.8623

95.6558, -5.8989,
41.8438

30.5482, -2.1705,
19.6437

108.6756, -6.6287,
45.0275

22.2673, -1.6739,
15.5871

122.2377, -7.3861,
48.1213

14.9091, -1.2197,
10.4364

136.3213, -8.1702,
51.1384

8.5580, -0.8587,
5.9906

150.9078, -8.9800,

0.0000, NaN, NaN

54.0893

0.0000, NaN, NaN

165.9803, -9.8147,
56.9833

0.0000, NaN, NaN

■ 60.1030, -3.8839,
31.5724

■ 60.1030, -3.8839,
31.5724

■ 58.7252, -2.7581,
33.1703

■ 61.5527, -4.7074,
29.2221

■ 57.4132, -1.3380,
34.0438

■ 63.0707, -5.2136,
26.1070

■ 56.1652, 0.3481,
34.2509

■ 64.6581, -5.4025,
22.2307

■ 55.3958, 1.5119,
34.1611

■ 66.3141, -5.2763,
17.6063

■ 68.0375, -4.8403,
12.2539

■ 69.8268, -4.1025,
6.1993

■ 71.6802, -3.0726,
-0.5284

■ 73.5958, -1.7618,
-7.8979

■ 75.5715, -0.1821,
-15.8767

Harmonies

Analogous

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



60.1044, 19.2895, 29.2505



60.1030, -3.8839, 31.5724



60.1044, -23.8345, 28.9400

Triad

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



60.1044, -3.8863, 31.5729



60.1044, -35.9842, -21.9038



60.1044, 39.4104, -20.3583

Complementary

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



60.1030, -3.8839, 31.5724



36.0564, 13.3654, -54.8554

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.



60.1044, 20.6348, -43.7841



60.1030, -3.8839, 31.5724



60.1044, -22.8208, -44.8832

Square

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



60.1044, -3.8863, 31.5729



60.1044, -40.6100, 2.6235



60.1044, -2.5312, -54.0695



60.1044, 46.4005, 3.9126

Rectangle

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



60.1030, -3.8839, 31.5724



60.1044, -33.2092, 23.8559



60.1044, -2.5312, -54.0695



60.1044, 34.1441, -28.8670

Sweetspot

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



60.1044, -3.8863, 31.5729



89.7345, -6.8590, 20.5799



39.4202, 42.6844, 8.4775



41.8012, -3.2858, 10.5971



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



60.1044, -3.8863, 31.5729



77.9499, -3.0517, 44.9200



65.5384, -26.4953, 34.9728



32.7772, -2.1732, 4.6450



46.1044, 1.0428, 28.4275



9.6146, -0.6228, 5.9136

Inverse Universe

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



36.0564, 13.3654, -54.8554



40.5287, 27.5800, -97.7230



32.2747, 33.4645, -65.8921



30.9308, -1.1088, -1.4172



19.3020, 29.1708, -87.0971



4.9752, 2.6822, -12.0086

Previews

White Background



This preview shows how the HunterLab color 60.1030, -3.8839, 31.5724 looks on a white 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

Black Background



This preview shows how the HunterLab color 60.1030, -3.8839, 31.5724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

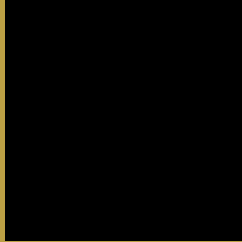
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 60.1030, -3.8839, 31.5724 Background



This preview shows how black text looks on a background with the HunterLab color 60.1030, -3.8839, 31.5724.

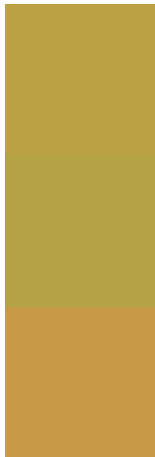


This preview shows how white text looks on a background with the HunterLab color 60.1030, -3.8839,

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

60.1030, -3.8839, 31.5724

Protanopia

59.9780, -7.2955, 31.2648

Deuteranopia

59.9758, 4.4134, 31.3059



Tritanopia

60.0195, 13.7297, 3.4572

Trichromacy



Original Color

60.1030, -3.8839, 31.5724

Protanomaly

59.9889, -5.7535, 31.2995

Deuteranomaly

59.9520, 1.4589, 31.3996

Tritanomaly

59.8967, 6.0121, 16.7981

Monochromacy



Original Color

60.1030, -3.8839, 31.5724

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.9169, -4.7546, 16.6961

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.1030, -3.8839, 31.5724 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(187, 160, 68)` looks like.

```
.text, #text, p{  
    color:rgb(187, 160, 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(187, 160, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 160, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 60.1030, -3.8839, 31.5724 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(187, 160, 68) }
```


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

```
.border{ border-color:rgb(187, 160, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 160, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 160, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 160, 68);  
box-shadow:4px 4px 4px 4px rgb(187, 160,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.1030, -3.8839, 31.5724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 160, 68) }
```

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

```
.background{ background-color: rgb(187,  
160, 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](#).

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