

Converting Colors

HunterLab(20.2798, 33.0779,
13.0754)

Have a look what the booklet for
HunterLab(20.2798, 33.0779,
13.0754) contains.

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Color

**HunterLab(20.3060, 33.1261,
13.0924)**

Conversions

Conversions Part 1

Format	Color
Hex	780600
RGB	120, 6, 0
RGB Percent	47%, 2%, 0%
CMY	0.5294, 0.9764, 1.0000
CMYK	0.00, 0.95, 1.00, 0.53
HSL	3°, 100%, 24%
HSV	3°, 100%, 47%
XYZ	7.8109, 4.1233, 0.3842
YIQ	39.4020, 69.8700, 22.3020

Conversions

Conversions Part 2

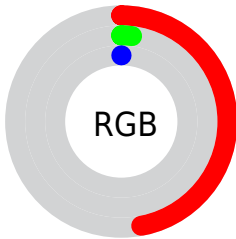
Format	Color
RYB	120, 6, 0
Decimal	7865856
CIELab	24.08, 44.64, 36.01
CIELCh	24, 57.358, 38.894
Yxy	4.1236, 0.6341, 0.3347
Android (android.graphics.Color)	4286055936 (0xFF780600)
YUV	39.4020, -19.4252, 70.6844
Hunter-Lab	20.3060, 33.1261, 13.0924

Details

The HunterLab color **20.3060, 33.1261, 13.0924** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **36.5890, -18.1440, -6.5655**, and the grayscale version is **14.4206, -0.7694, 0.7835**.

A 20% lighter version of the original color is **37.3133, 36.8009, 19.3633**, and **10.1199, 17.3307, 6.5393** is the 20% darker color. If you saturate the color by 10%, you get **20.3066, 33.1235, 13.0927**, and if you desaturate by 10%, it is **21.0556, 31.1336, 12.5400**.

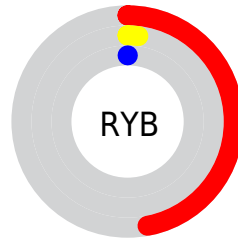
Distribution



Red (47%)

Green (2%)

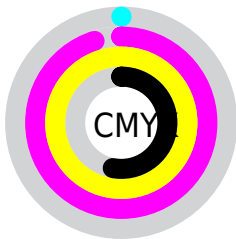
Blue (0%)



Red (47%)

Yellow (2%)

Blue (0%)

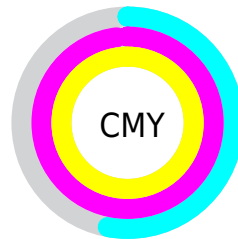


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3060, 33.1261, 13.0924 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 20.3060, 33.1261, 13.0924 by changing the saturation by 10% instead.

■ 20.3060, 33.1261,
13.0924

■ 20.3060, 33.1261,
13.0924

■ 118.7431, 45.7127,
37.7802

■ 13.2021, 31.3171,
9.2414

■ 37.2704, 36.6746,
19.4111

■ 6.7174, 33.8516,
4.7022

■ 46.9533, 38.2900,
22.3846

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.3543, 39.7872,
25.1961

0.0000, NaN, NaN

■ 68.4268, 41.1709,
27.8803

0.0000, NaN, NaN

■ 80.1323, 42.4481,
30.4634


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.4382, 43.6263,


32.9649


0.0000, NaN, NaN

 105.3166, 44.7124,
35.3999


 20.3060, 33.1261,
13.0924


 20.3060, 33.1261,
13.0924


 20.3066, 33.1235,
13.0927

 21.0556, 31.1336,
12.5400

 22.2002, 28.2498,
11.8663

 23.7743, 24.6916,
10.9194

 25.7441, 20.7462,
9.7866

 28.0626, 16.6560,
8.5515

■ 30.6803, 12.5850,
7.2774

■ 33.5522, 8.6257,
6.0041

■ 36.6394, 4.8192,
4.7539

■ 39.9101, 1.1755,
3.5364

Harmonies

Analogous

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



20.3067, 45.1609, 5.5327



20.3060, 33.1261, 13.0924



20.3067, 12.8098, 14.2147

Triad

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



20.3067, 33.1235, 13.0927



20.3067, -24.2075, 9.6972



20.3067, 4.4985, -64.8327

Complementary

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



20.3060, 33.1261, 13.0924



36.5890, -18.1440, -6.5655

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.



20.3067, -12.0238, -59.0261



20.3060, 33.1261, 13.0924



20.3067, -25.0841, -4.6177

Square

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



20.3067, 33.1235, 13.0927



20.3067, -18.4526, 14.2147



20.3067, -21.4869, -31.9331



20.3067, 25.2684, -44.2554

Rectangle

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



20.3060, 33.1261, 13.0924



20.3067, -0.4180, 14.2147



20.3067, -21.4869, -31.9331



20.3067, -1.7427, -66.1199

Sweetspot

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



20.3067, 33.1235, 13.0927



44.2069, 11.8190, 8.0861



22.8209, 44.4050, -26.5202



20.8745, 6.6185, 4.2163



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.3067, 33.1235, 13.0927



26.8185, 44.3059, 17.3011



28.0882, 12.4502, 17.5258



20.1105, 0.4253, 1.7137



21.1947, 34.6483, 13.6666



45.8896, 77.0248, 29.6254

Inverse Universe

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



36.5890, -18.1440, -6.5655



48.4645, -23.9893, -8.7905



19.9860, 7.0847, -40.2745



21.1652, -2.5398, 0.5508



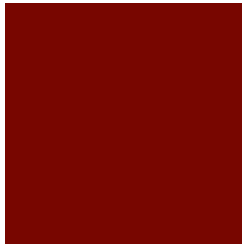
38.2086, -18.9413, -6.8687



83.2218, -41.0906, -15.3171

Previews

White Background



This preview shows how the HunterLab color 20.3060, 33.1261, 13.0924 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

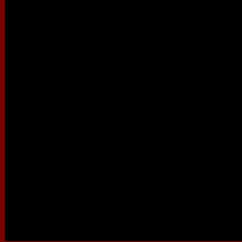
Any Text WCAG AA × Fail

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 20.3060, 33.1261, 13.0924 Background



This preview shows how black text looks on a background with the HunterLab color 20.3060, 33.1261, 13.0924.



This preview shows how white text looks on a background with the HunterLab color 20.3060, 33.1261,

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

20.3060, 33.1261, 13.0924

Protanopia

21.4498, -3.0944, 11.9139

Deuteranopia

21.3603, 0.1705, 13.1651



Tritanopia

20.3992, 31.9189, 13.1287

Trichromacy



Original Color

20.3060, 33.1261, 13.0924

Protanomaly

19.0631, 11.3809, 11.0527

Deuteranomaly

19.3038, 13.7397, 12.1354

Tritanomaly

20.2912, 32.2747, 13.0683

Monochromacy



Original Color

20.3060, 33.1261, 13.0924

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.4326, 11.2441, 5.3119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3060, 33.1261, 13.0924 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(120, 6, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 6, 0)  
}
```

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(120, 6, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 6, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3060, 33.1261, 13.0924 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(120, 6, 0) }
```


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

```
.border{ border-color:rgb(120, 6, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 6, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 6, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(120, 6, 0); box-shadow:4px  
4px 4px 4px rgb(120, 6, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3060, 33.1261, 13.0924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 6, 0) }
```

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

```
.background{ background-color: rgb(120, 6,  
0) }
```

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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