

Converting Colors

HunterLab(18.1578, 45.7317,
-4.2545)

Have a look what the booklet for
HunterLab(18.1578, 45.7317,
-4.2545) contains.

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Color

**HunterLab(20.4048, 36.8142,
-1.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	750041
RGB	117, 0, 65
RGB Percent	46%, 0%, 25%
CMY	0.5412, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.44, 0.54
HSL	327°, 100%, 23%
HSV	327°, 100%, 46%
XYZ	8.2902, 4.1636, 5.3677
YIQ	42.3930, 48.8670, 45.0190

Conversions

Conversions Part 2

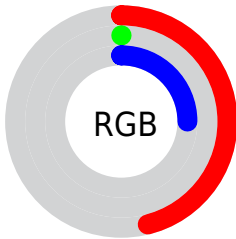
Format	Color
R_{YB}	117, 0, 65
Decimal	7667777
CIE _{Lab}	24.21, 48.44, -4.01
CIE _{LCh}	24, 48.608, 355.263
Yxy	4.1638, 0.4652, 0.2336
Android (android.graphics.Color)	4285857857 (0xFF750041)
YUV	42.3930, 11.1453, 65.4303
Hunter-Lab	20.4048, 36.8142, -1.3136

Details

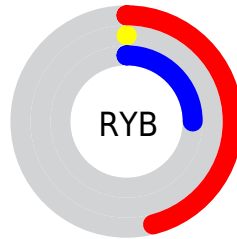
The HunterLab color **20.4048, 36.8142, -1.3136** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.0148, -28.4235, 16.3440**, and the grayscale version is **15.2999, -0.8164, 0.8313**.

A 20% lighter version of the original color is **37.3804, 40.4151, -1.0386**, and **10.5765, 18.6975, 2.3004** is the 20% darker color. If you saturate the color by 10%, you get **20.4046, 36.8137, -1.3117**, and if you desaturate by 10%, it is **21.1722, 35.2511, -2.6561**.

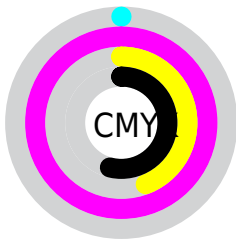
Distribution



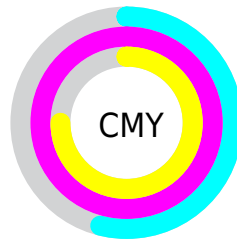
- Red (46%)
- Green (0%)
- Blue (25%)



- Red (46%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4048, 36.8142, -1.3136 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 20.4048, 36.8142, -1.3136 by changing the saturation by 10% instead.

■ 20.4048, 36.8142,
-1.3136

■ 20.4048, 36.8142,
-1.3136

■ 118.9209, 50.5309,
2.2807

■ 13.2876, 34.9767,
-1.4172

■ 37.3912, 40.5722,
-0.8749

■ 6.8235, 37.5831,
-2.0672

■ 47.0838, 42.3161,
-0.5626

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.4938, 43.9464,
-0.1976

0.0000, NaN, NaN

■ 68.5747, 45.4645,
0.2155

0.0000, NaN, NaN

■ 80.2882, 46.8756,
0.6727

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.6018, 48.1861,


1.1710


0.0000, NaN, NaN


 105.4874, 49.4025,
1.7077


 20.4048, 36.8142,
-1.3136


 20.4048, 36.8142,
-1.3136


 20.4046, 36.8137,
-1.3117

 21.1722, 35.2511,
-2.6561

 22.1916, 33.0302,
-3.7250

 23.6192, 29.7873,
-4.2697

 25.4334, 25.7931,
-4.3032

 27.5956, 21.3304,
-3.8886

■ 30.0615, 16.6283,
-3.1079

■ 32.7881, 11.8444,
-2.0400

■ 35.7373, 7.0738,
-0.7514

■ 38.8768, 2.3668,
0.7059

Harmonies

Analogous

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



20.4054, 28.7904, -21.8287



20.4048, 36.8142, -1.3136



20.4054, 32.5021, 9.7509

Triad

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



20.4054, 36.8121, -1.3129



20.4054, -12.0932, 14.2838



20.4054, -15.1773, -37.3040

Complementary

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



20.4048, 36.8142, -1.3136



36.0148, -28.4235, 16.3440

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.



20.4054, -21.3169, -14.6076



20.4048, 36.8142, -1.3136



20.4054, -19.9348, 11.4321

Square

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



20.4054, 36.8121, -1.3129



20.4054, 1.3721, 14.2838



20.4054, -22.7621, 3.2693



20.4054, -3.4404, -50.2996

Rectangle

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



20.4048, 36.8142, -1.3136



20.4054, 23.7280, 12.8200



20.4054, -22.7621, 3.2693



20.4054, -17.8121, -30.0062

Sweetspot

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



20.4054, 36.8121, -1.3129



43.5786, 16.3529, -2.8537



14.0741, 33.2232, -61.6441



20.3063, 8.8537, -1.6078



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



20.4054, 36.8121, -1.3129



27.2545, 49.0802, -1.0401



19.4917, 33.4647, 11.9143



19.3177, 0.9478, 0.4201



21.4106, 38.6152, -1.2729



47.0791, 84.5728, -0.1857

Inverse Universe

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



20.4054, 36.8121, -1.3129



27.2545, 49.0802, -1.0401



37.1902, -21.2497, -0.6114



19.3177, 0.9478, 0.4201



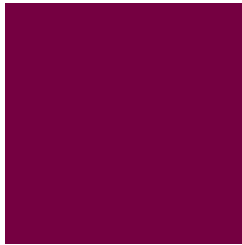
21.4106, 38.6152, -1.2729



47.0791, 84.5728, -0.1857

Previews

White Background



This preview shows how the HunterLab color 20.4048, 36.8142, -1.3136 looks on a white background.

Color Contrast Check

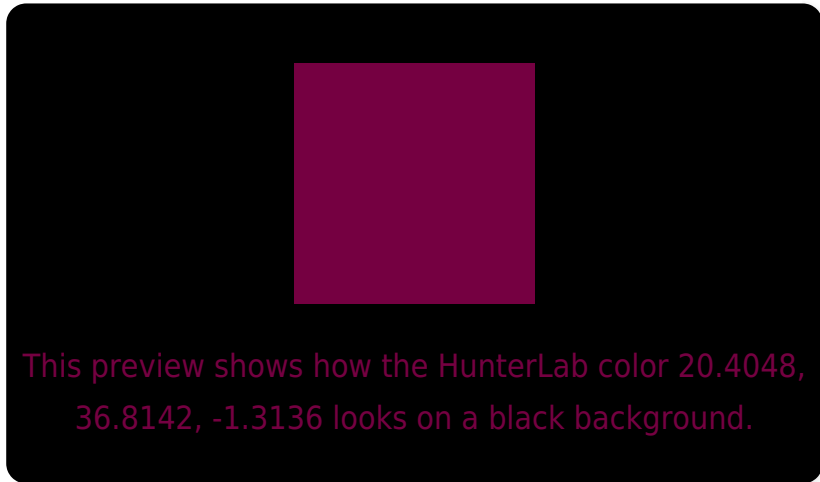
Large Text (above 18pt) WCAG AA ✓ Pass

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

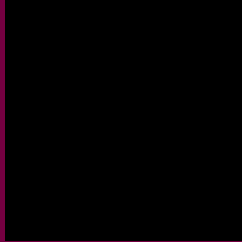
Any Text WCAG AA × Fail

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 20.4048, 36.8142, -1.3136 Background



This preview shows how black text looks on a background with the HunterLab color 20.4048, 36.8142, -1.3136.



This preview shows how white text looks on a background with the HunterLab color 20.4048, 36.8142, -1.3136.

-1.3136.

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

20.4048, 36.8142, -1.3136

Protanopia

21.7209, 2.6804, -15.4746

Deuteranopia

21.6405, 1.4202, 1.6472



Tritanopia

21.1145, 27.5199, 10.7482

Trichromacy



Original Color

20.4048, 36.8142, -1.3136

Protanomaly

18.6188, 16.1049, -14.3052

Deuteranomaly

19.2677, 16.3114, -1.8657

Tritanomaly

20.6570, 31.1296, 7.5118

Monochromacy



Original Color

20.4048, 36.8142, -1.3136

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.0976, 14.0367, -2.3018

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4048, 36.8142, -1.3136 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(117, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 65)  
}
```

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(117, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4048, 36.8142, -1.3136 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(117, 0, 65) }
```


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

```
.border{ border-color:rgb(117, 0, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 0, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 65);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4048, 36.8142, -1.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 65) }
```

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

```
.background{ background-color: rgb(117, 0,  
65) }
```

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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