

Converting Colors

HunterLab(13.6217, 20.1896,
7.7396)

Have a look what the booklet for
HunterLab(13.6217, 20.1896,
7.7396) contains.

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Color

**HunterLab(13.6142, 20.1651,
7.7416)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0808
RGB	79, 8, 8
RGB Percent	31%, 3%, 3%
CMY	0.6902, 0.9686, 0.9686
CMYK	0.00, 0.90, 0.90, 0.69
HSL	0°, 82%, 17%
HSV	0°, 90%, 31%
XYZ	3.3551, 1.8535, 0.4106
YIQ	29.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

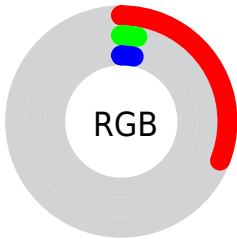
Format	Color
R_{YB}	79, 8, 8
Decimal	5179400
CIE _{Lab}	14.70, 31.69, 19.47
CIE _{LCh}	15, 37.197, 31.562
Yxy	1.8536, 0.5971, 0.3299
Android (android.graphics.Color)	4283369480 (0xFF4F0808)
YUV	29.2290, -10.4659, 43.6492
Hunter-Lab	13.6142, 20.1651, 7.7416

Details

The HunterLab color **13.6142, 20.1651, 7.7416** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.9143, -12.7425, -2.4743**, and the grayscale version is **11.1783, -0.5964, 0.6073**.

A 20% lighter version of the original color is **28.7412, 23.0235, 11.4113**, and **3.8565, 6.6043, 2.4919** is the 20% darker color. If you saturate the color by 10%, you get **12.9027, 22.0518, 8.3234**, and if you desaturate by 10%, it is **14.3776, 18.3060, 7.1745**.

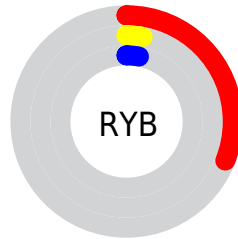
Distribution



Red (31%)

Green (3%)

Blue (3%)



Red (31%)

Yellow (3%)

Blue (3%)

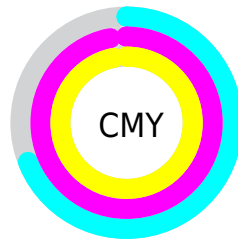


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (69%)



Cyan (69%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.6142, 20.1651, 7.7416 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 13.6142, 20.1651, 7.7416 by changing the saturation by 10% instead.

■ 13.6142, 20.1651,
7.7416

■ 13.6142, 20.1651,
7.7416

■ 106.1378, 29.2875,
23.2658

■ 7.2128, 20.6446,
5.0489

■ 28.8945, 23.0296,
11.4669

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.8520, 24.2584,
13.3186

0.0000, NaN, NaN

■ 47.5812, 25.3571,
15.0829

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.0253, 26.3377,
16.7859

0.0000, NaN, NaN

■ 69.1383, 27.2117,
18.4450


0.0000, NaN, NaN


■ 80.8821, 27.9891,


0.0000, NaN, NaN


20.0725


 93.2245, 28.6786,
21.6772


 13.6142, 20.1651,
7.7416


 13.6142, 20.1651,
7.7416


 12.9027, 22.0518,
8.3234


 14.3776, 18.3060,
7.1745

 12.8934, 22.0775,
8.3314

 15.4033, 16.0356,
6.4877

 16.6795, 13.5072,
5.7325

 18.1761, 10.8734,
4.9578

 19.8620, 8.2389,
4.1965

■ 21.7086, 5.6633,
3.4665

■ 23.6917, 3.1747,
2.7754

■ 25.7910, 0.7810,
2.1245

■ 27.9903, -1.5206,
1.5117

Harmonies

Analogous

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



13.6146, 24.7290, 1.2365



13.6142, 20.1651, 7.7416



13.6146, 9.8462, 9.5302

Triad

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



13.6146, 20.1635, 7.7418



13.6146, -14.0156, 7.2072



13.6146, -0.1921, -33.8417

Complementary

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



13.6142, 20.1651, 7.7416



24.9143, -12.7425, -2.4743

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.



13.6146, -8.8170, -27.6962



13.6142, 20.1651, 7.7416



13.6146, -15.4478, 0.2263

Square

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



13.6146, 20.1635, 7.7418



13.6146, -9.4964, 9.5302



13.6146, -13.6911, -12.9630



13.6146, 11.0424, -26.3896

Rectangle

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



13.6142, 20.1651, 7.7416



13.6146, 2.2507, 9.5302



13.6146, -13.6911, -12.9630



13.6146, -3.4693, -33.2827

Sweetspot

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



13.6146, 20.1635, 7.7418



28.7836, 6.7494, 4.3416



15.4933, 27.2955, -18.2825



14.1657, 3.6324, 2.2408



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



13.6146, 20.1635, 7.7418



16.8076, 28.7808, 10.8606



18.5583, 7.4431, 10.8319



13.0511, 0.2437, 1.0243



40.9155, 70.0665, 26.4386

Inverse Universe

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



24.9143, -12.7425, -2.4743



32.3425, -17.1447, -3.4147



15.4287, 0.6918, -18.9065



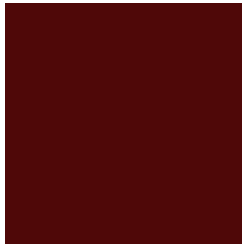
13.7519, -1.6259, 0.4480



78.7338, -41.7365, -8.3134

Previews

White Background



This preview shows how the HunterLab color 13.6142, 20.1651, 7.7416 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

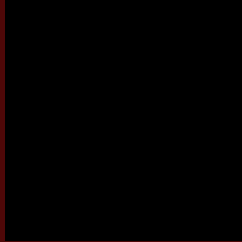
Any Text WCAG AA × Fail

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 13.6142, 20.1651, 7.7416 Background



This preview shows how black text looks on a background with the HunterLab color 13.6142, 20.1651, 7.7416.

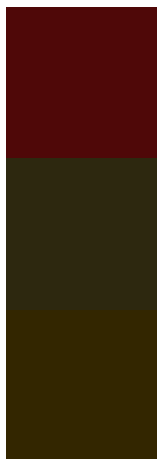


This preview shows how white text looks on a background with the HunterLab color 13.6142, 20.1651,

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

13.6142, 20.1651, 7.7416

Protanopia

14.5257, -1.7374, 7.0756

Deuteranopia

14.4569, 0.1148, 8.9103



Tritanopia

13.5900, 20.0697, 8.0991

Trichromacy



Original Color

13.6142, 20.1651, 7.7416

Protanomaly

13.1412, 6.4644, 6.6414

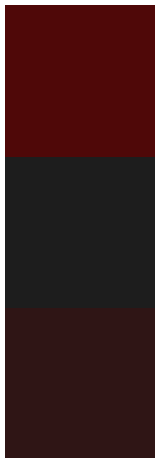
Deuteranomaly

13.3512, 7.8245, 7.9813

Tritanomaly

13.5981, 20.1016, 7.9797

Monochromacy



Original Color

13.6142, 20.1651, 7.7416

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

10.9307, 6.6044, 3.0028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.6142, 20.1651, 7.7416 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(79, 8, 8)` looks like.

```
.text, #text, p{  
    color:rgb(79, 8, 8)  
}
```

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(79, 8, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 8, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 13.6142, 20.1651, 7.7416 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(79, 8, 8) }
```

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

```
.border{ border-color:rgb(79, 8, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 8, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 8, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 8, 8); box-shadow:4px  
4px 4px 4px rgb(79, 8, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.6142, 20.1651, 7.7416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 8, 8) }
```

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

```
.background{ background-color: rgb(79, 8,  
8) }
```

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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