

Converting Colors

HunterLab(13.2337, 20.9924,
8.3940)

Have a look what the booklet for
HunterLab(13.2337, 20.9924,
8.3940) contains.

HunterLab(13.2336, 20.9932, 8.3934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(13.2336, 20.9932,
8.3934)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0401
RGB	79, 4, 1
RGB Percent	31%, 2%, 0%
CMY	0.6902, 0.9843, 0.9961
CMYK	0.00, 0.95, 0.99, 0.69
HSL	2°, 98%, 16%
HSV	2°, 99%, 31%
XYZ	3.2733, 1.7513, 0.1942
YIQ	26.0830, 45.6630, 14.9670

Conversions

Conversions Part 2

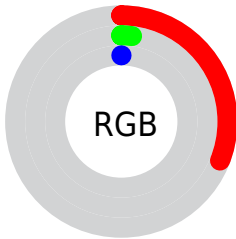
Format	Color
R_{YB}	79, 4, 1
Decimal	5178369
CIE _{Lab}	14.12, 32.83, 21.57
CIE _{LCh}	14, 39.283, 33.312
Yxy	1.7514, 0.6272, 0.3356
Android (android.graphics.Color)	4283368449 (0xFF4F0401)
YUV	26.0830, -12.3659, 46.4082
Hunter-Lab	13.2336, 20.9932, 8.3934

Details

The HunterLab color **13.2336, 20.9932, 8.3934** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **23.9562, -12.0608, -3.7567**, and the grayscale version is **10.2164, -0.5451, 0.5551**.

A 20% lighter version of the original color is **28.4782, 23.9945, 12.1465**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **13.1466, 21.2220, 8.4724**, and if you desaturate by 10%, it is **13.9109, 19.2819, 7.8201**.

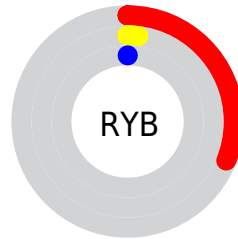
Distribution



Red (31%)

Green (2%)

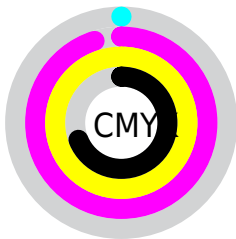
Blue (0%)



Red (31%)

Yellow (2%)

Blue (0%)

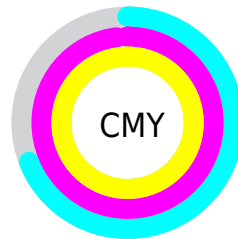


Cyan (0%)

Magenta (95%)

Yellow (99%)

Black (69%)



Cyan (69%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2336, 20.9932, 8.3934 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 13.2336, 20.9932, 8.3934 by changing the saturation by 10% instead.

■ 13.2336, 20.9932,
8.3934

■ 13.2336, 20.9932,
8.3934

■ 105.3805, 30.5803,
24.8581

■ 6.7572, 22.5138,
4.7301

■ 28.4045, 23.9572,
12.1361

0.0000, INF, NaN

0.0000, NaN, NaN

■ 37.3155, 25.2424,
14.1587

0.0000, NaN, NaN

■ 47.0021, 26.3967,
16.0757

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4064, 27.4314,
17.9173

0.0000, NaN, NaN


■ 68.4821, 28.3577,
19.7038


0.0000, NaN, NaN


■ 80.1906, 29.1858,


0.0000, NaN, NaN


21.4497


 92.4993, 29.9241,
23.1652


 13.2336, 20.9932,
8.3934


 13.2336, 20.9932,
8.3934


 13.1466, 21.2220,
8.4724

 13.9109, 19.2819,
7.8201

 14.7463, 17.2900,
7.2899

 15.8288, 14.9696,
6.6341

 17.1353, 12.4790,
5.8997

 18.6376, 9.9398,
5.1296

■ 20.3084, 7.4309,
4.3535

■ 22.1229, 4.9950,
3.5892

■ 24.0601, 2.6503,
2.8459

■ 26.1027, 0.3999,
2.1270

Harmonies

Analogous

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



13.2340, 26.4005, 1.7921



13.2336, 20.9932, 8.3934



13.2340, 9.7456, 9.2638

Triad

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



13.2340, 20.9916, 8.3936



13.2340, -14.6701, 7.1624



13.2340, 0.4912, -36.9233

Complementary

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



13.2336, 20.9932, 8.3934



23.9562, -12.0608, -3.7567

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.



13.2340, -8.6721, -30.9403



13.2336, 20.9932, 8.3934



13.2340, -16.0265, -0.4492

Square

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



13.2340, 20.9916, 8.3936



13.2340, -10.1420, 9.2638



13.2340, -13.9228, -14.9605



13.2340, 12.4473, -27.8766

Rectangle

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



13.2336, 20.9932, 8.3934



13.2340, 1.7511, 9.2638



13.2340, -13.9228, -14.9605



13.2340, -2.9975, -36.6174

Sweetspot

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



13.2340, 20.9916, 8.3936



28.2752, 7.2385, 4.9081



14.8705, 28.6375, -17.8884



13.8518, 3.9587, 2.5585



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.



13.2340, 20.9916, 8.3936



17.0590, 27.9286, 11.0006



18.3391, 7.6115, 11.3409



13.0838, 0.1872, 1.0609



41.1490, 69.2697, 26.5685

Inverse Universe

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



23.9562, -12.0608, -3.7567



31.1571, -15.7254, -4.9971



13.8532, 2.7881, -23.0735



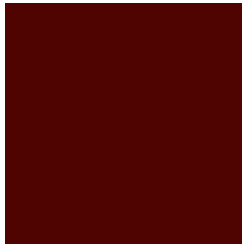
13.7175, -1.5710, 0.4077



75.6415, -38.0310, -12.4474

Previews

White Background



This preview shows how the HunterLab color 13.2336, 20.9932, 8.3934 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

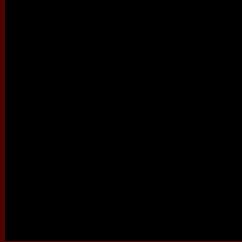
Any Text WCAG AA × Fail

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 13.2336, 20.9932, 8.3934 Background



This preview shows how black text looks on a background with the HunterLab color 13.2336, 20.9932, 8.3934.

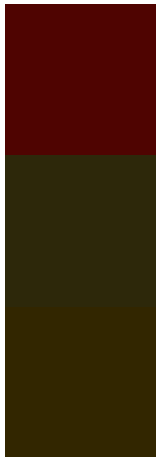


This preview shows how white text looks on a background with the HunterLab color 13.2336, 20.9932, 8.3934.

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

13.2336, 20.9932, 8.3934

Protanopia

14.4824, -1.9782, 7.7137

Deuteranopia

14.3678, -0.1907, 8.8500



Tritanopia

13.4693, 20.1671, 8.6528

Trichromacy



Original Color

13.2336, 20.9932, 8.3934

Protanomaly

12.9192, 6.6498, 7.1547

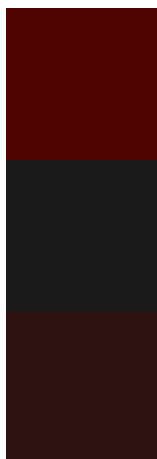
Deuteranomaly

13.1563, 8.0987, 8.2486

Tritanomaly

13.3885, 20.4279, 8.6075

Monochromacy



Original Color

13.2336, 20.9932, 8.3934

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.1537, 6.8371, 3.2797

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2336, 20.9932, 8.3934 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, 4, 1)` looks like.

```
.text, #text, p{  
    color:rgb(79, 4, 1)  
}
```

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, 4, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 4, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2336, 20.9932, 8.3934 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, 4, 1) }
```

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

```
.border{ border-color:rgb(79, 4, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 4, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 4, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 4, 1); box-shadow:4px  
4px 4px 4px rgb(79, 4, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.2336, 20.9932, 8.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 4, 1) }
```

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

```
.background{ background-color: rgb(79, 4,  
1) }
```

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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