

Converting Colors

HunterLab(13.4347, 20.2587,
5.1474)

Have a look what the booklet for
HunterLab(13.4347, 20.2587,
5.1474) contains.

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Color

**HunterLab(13.4659, 20.2057,
5.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	4D0817
RGB	77, 8, 23
RGB Percent	30%, 3%, 9%
CMY	0.6980, 0.9686, 0.9098
CMYK	0.00, 0.90, 0.70, 0.70
HSL	347°, 81%, 17%
HSV	347°, 90%, 30%
XYZ	3.3021, 1.8133, 0.9866
YIQ	30.3410, 36.3090, 19.2930

Conversions

Conversions Part 2

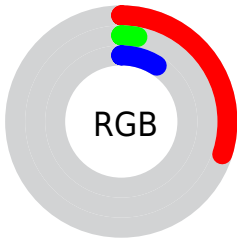
Format	Color
RYB	77, 8, 23
Decimal	5048343
CIELab	14.48, 31.79, 10.85
CIELCh	14, 33.589, 18.845
Yxy	1.8134, 0.5411, 0.2972
Android (android.graphics.Color)	4283238423 (0xFF4D0817)
YUV	30.3410, -3.6191, 40.9199
Hunter-Lab	13.4659, 20.2057, 5.0823

Details

The HunterLab color **13.4659, 20.2057, 5.0823** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.8898, -14.7316, 3.1504**, and the grayscale version is **11.5040, -0.6138, 0.6250**.

A 20% lighter version of the original color is **28.6933, 23.3637, 7.7559**, and **3.7208, 6.3721, 2.4043** is the 20% darker color. If you saturate the color by 10%, you get **12.7467, 22.0124, 5.7782**, and if you desaturate by 10%, it is **14.2426, 18.4841, 4.2538**.

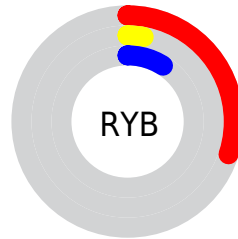
Distribution



Red (30%)

Green (3%)

Blue (9%)



Red (30%)

Yellow (3%)

Blue (9%)

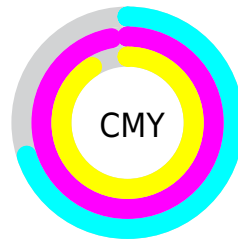


Cyan (0%)

Magenta (90%)

Yellow (70%)

Black (70%)



Cyan (70%)


Magenta (97%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.4659, 20.2057, 5.0823 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 13.4659, 20.2057, 5.0823 by changing the saturation by 10% instead.

 13.4659, 20.2057,
5.0823

 13.4659, 20.2057,
5.0823


 105.8433, 29.3840,
15.9184

 7.0393, 21.0384,
4.9275


 28.7038, 23.0831,
7.6645

0.0000, INF, NaN

0.0000, NaN, NaN


 37.6432, 24.3190,
8.8727

0.0000, NaN, NaN


 47.3559, 25.4245,
10.0571

0.0000, NaN, NaN

0.0000, NaN, NaN

 57.7846, 26.4115,
11.2295

0.0000, NaN, NaN


 68.8831, 27.2916,
12.3974


0.0000, NaN, NaN


 80.6132, 28.0749,


0.0000, NaN, NaN


13.5660


 92.9425, 28.7699,
14.7388


 13.4659, 20.2057,
5.0823


 13.4659, 20.2057,
5.0823


 12.7467, 22.0124,
5.7782


 14.2426, 18.4841,
4.2538

 12.7178, 22.0913,
5.8015

 15.2593, 16.3351,
3.4942

 16.5042, 13.8916,
2.8506

 17.9503, 11.2961,
2.3387

 19.5697, 8.6508,
1.9572

■ 21.3370, 6.0187,
1.6953

■ 23.2304, 3.4335,
1.5386

■ 25.2319, 0.9095,
1.4720

■ 27.3268, -1.5499,
1.4818

Harmonies

Analogous

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



13.4663, 21.1492, -2.9078



13.4659, 20.2057, 5.0823



13.4663, 12.8640, 9.4264

Triad

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



13.4663, 20.2042, 5.0826



13.4663, -11.5373, 8.5480



13.4663, -3.9450, -28.0262

Complementary

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



13.4659, 20.2057, 5.0823



23.8898, -14.7316, 3.1504

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.



13.4663, -10.4209, -18.8301



13.4659, 20.2057, 5.0823



13.4663, -14.0390, 3.5760

Square

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



13.4663, 20.2042, 5.0826



13.4663, -5.9253, 9.4264



13.4663, -13.6617, -5.8403



13.4663, 5.4219, -26.5150

Rectangle

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



13.4659, 20.2057, 5.0823



13.4663, 6.2073, 9.4264



13.4663, -13.6617, -5.8403



13.4663, -6.4785, -25.9258

Sweetspot

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



13.4663, 20.2042, 5.0826



28.1902, 7.2873, 2.1666



13.0329, 23.0035, -23.5075



14.2427, 4.0313, 1.1332



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.



13.4663, 20.2042, 5.0826



16.5364, 28.6604, 8.0394



15.3366, 13.6967, 8.8014



13.0699, 0.3455, 0.7555



16.9805, 29.4245, 8.2983



41.1942, 71.1028, 22.3051

Inverse Universe

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



13.4663, 20.2042, 5.0826



16.5364, 28.6604, 8.0394



19.1692, -5.7661, -10.0053



13.0699, 0.3455, 0.7555



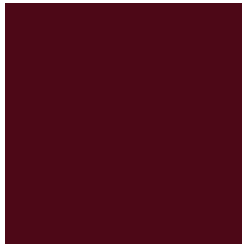
16.9805, 29.4245, 8.2983



41.1942, 71.1028, 22.3051

Previews

White Background



This preview shows how the HunterLab color 13.4659, 20.2057, 5.0823 looks on a white background.

Color Contrast Check

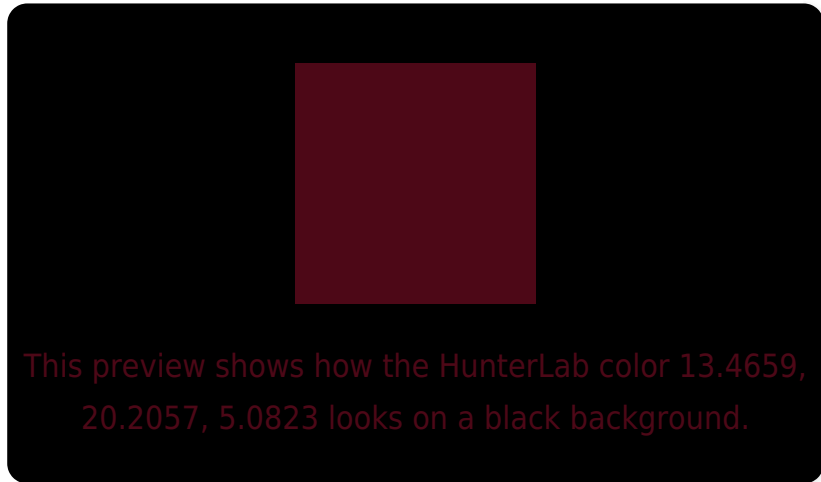
Large Text (above 18pt) WCAG AA ✓ Pass

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

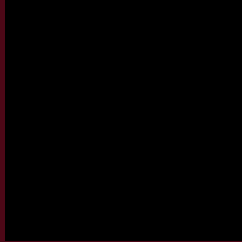
Any Text WCAG AA × Fail

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 13.4659, 20.2057, 5.0823 Background



This preview shows how black text looks on a background with the HunterLab color 13.4659, 20.2057, 5.0823.



This preview shows how white text looks on a background with the HunterLab color 13.4659, 20.2057,

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

13.4659, 20.2057, 5.0823

Protanopia

14.5785, -0.9951, 2.8109

Deuteranopia

14.4437, 0.3951, 6.3781



Tritanopia

13.6561, 18.6149, 7.3661

Trichromacy



Original Color

13.4659, 20.2057, 5.0823

Protanomaly

13.1775, 7.0807, 2.7174

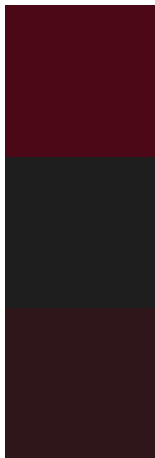
Deuteranomaly

13.2822, 7.9592, 5.3695

Tritanomaly

13.6074, 19.0361, 6.7489

Monochromacy



Original Color

13.4659, 20.2057, 5.0823

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.2129, 6.7560, 1.5448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4659, 20.2057, 5.0823 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(77, 8, 23)` looks like.

```
.text, #text, p{  
    color:rgb(77, 8, 23)  
}
```

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(77, 8, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 8, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4659, 20.2057, 5.0823 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(77, 8, 23) }
```


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

```
.border{ border-color:rgb(77, 8, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 8, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 8, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 8, 23); box-shadow:4px  
4px 4px 4px rgb(77, 8, 23) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.4659, 20.2057, 5.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 8, 23) }
```

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

```
.background{ background-color: rgb(77, 8,  
23) }
```

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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