

Converting Colors

HunterLab(12.3084, 18.0218,
6.6340)

Have a look what the booklet for
HunterLab(12.3084, 18.0218,
6.6340) contains.

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Color

**HunterLab(12.2934, 18.0364,
6.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	470709
RGB	71, 7, 9
RGB Percent	28%, 3%, 4%
CMY	0.7216, 0.9725, 0.9647
CMYK	0.00, 0.90, 0.87, 0.72
HSL	358°, 82%, 15%
HSV	358°, 90%, 28%
XYZ	2.7238, 1.5113, 0.4066
YIQ	26.3640, 37.5020, 14.1900

Conversions

Conversions Part 2

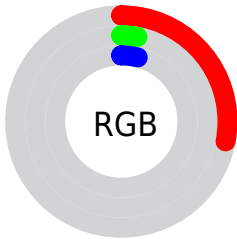
Format	Color
RYB	71, 7, 9
Decimal	4654857
CIELab	12.68, 29.39, 16.05
CIElCh	13, 33.484, 28.635
Yxy	1.5114, 0.5868, 0.3256
Android (android.graphics.Color)	4282844937 (0xFF470709)
YUV	26.3640, -8.5605, 39.1458
Hunter-Lab	12.2934, 18.0364, 6.6444

Details

The HunterLab color **12.2934, 18.0364, 6.6444** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.3190, -11.7445, -1.4111**, and the grayscale version is **10.2926, -0.5492, 0.5592**.

A 20% lighter version of the original color is **27.1486, 20.6650, 9.7349**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5950, 19.8986, 7.1680**, and if you desaturate by 10%, it is **13.0136, 16.3124, 6.0926**.

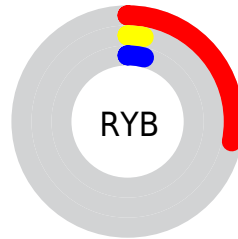
Distribution



Red (28%)

Green (3%)

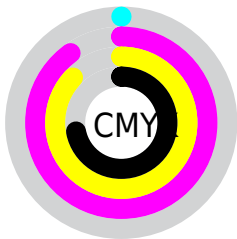
Blue (4%)



Red (28%)

Yellow (3%)

Blue (4%)

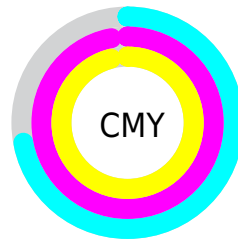


Cyan (0%)

Magenta (90%)

Yellow (87%)

Black (72%)



Cyan (72%)

Magenta (97%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.2934, 18.0364, 6.6444 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 12.2934, 18.0364, 6.6444 by changing the saturation by 10% instead.

12.2934, 18.0364,
6.6444

12.2934, 18.0364,
6.6444

103.4857, 26.5038,
20.1496

5.4471, 23.5476,
3.8130

27.1857, 20.7687,
9.7439

0.0000, NaN, NaN

0.0000, NaN, NaN

35.9791, 21.9236,
11.3499

0.0000, NaN, NaN

45.5575, 22.9465,
12.8890

0.0000, NaN, NaN

0.0000, NaN, NaN

55.8613, 23.8510,
14.3837

0.0000, NaN, NaN


66.8425, 24.6492,
15.8485


0.0000, NaN, NaN


78.4617, 25.3518,


0.0000, NaN, NaN


17.2933


 90.6856, 25.9675,
18.7253


 12.2934, 18.0364,
6.6444


 12.2934, 18.0364,
6.6444


 11.5950, 19.8986,
7.1680

 13.0136, 16.3124,
6.0926

 13.9440, 14.2919,
5.4497

 15.0881, 12.0539,
4.7767

 16.4199, 9.7251,
4.1115

 17.9133, 7.3923,
3.4771

■ 19.5442, 5.1056,
2.8846

■ 21.2923, 2.8891,
2.3372

■ 23.1406, 0.7503,
1.8334

■ 25.0752, -1.3122,
1.3698

Harmonies

Analogous

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



12.2938, 21.2887, 0.2789



12.2934, 18.0364, 6.6444



12.2938, 9.4667, 8.6056

Triad

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



12.2938, 18.0350, 6.6446



12.2938, -12.2754, 7.1104



12.2938, -1.0577, -28.8213

Complementary

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



12.2934, 18.0364, 6.6444



22.3190, -11.7445, -1.4111

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.



12.2938, -8.2927, -22.5907



12.2934, 18.0364, 6.6444



12.2938, -14.0063, 1.0471

Square

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



12.2938, 18.0350, 6.6446



12.2938, -7.7700, 8.6056



12.2938, -12.5581, -9.8355



12.2938, 8.5653, -23.5570

Rectangle

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



12.2934, 18.0364, 6.6444



12.2938, 2.8645, 8.6056



12.2938, -12.5581, -9.8355



12.2938, -3.8213, -27.9520

Sweetspot

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



12.2938, 18.0350, 6.6446



25.8762, 6.0297, 3.5976



13.6650, 23.8709, -17.0263



12.9310, 3.2396, 1.8664



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.2938, 18.0350, 6.6446



15.0708, 25.8509, 9.4157



16.3399, 7.3935, 9.4682



12.3099, 0.2252, 0.9244



16.3856, 28.1022, 10.2664



40.4206, 69.2599, 25.8214

Inverse Universe

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



12.2938, 18.0350, 6.6446



15.0708, 25.8509, 9.4157



14.4755, -0.3905, -15.5035



12.3099, 0.2252, 0.9244



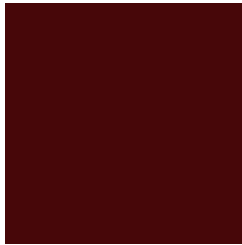
16.3856, 28.1022, 10.2664



40.4206, 69.2599, 25.8214

Previews

White Background



This preview shows how the HunterLab color 12.2934, 18.0364, 6.6444 looks on a white background.

Color Contrast Check

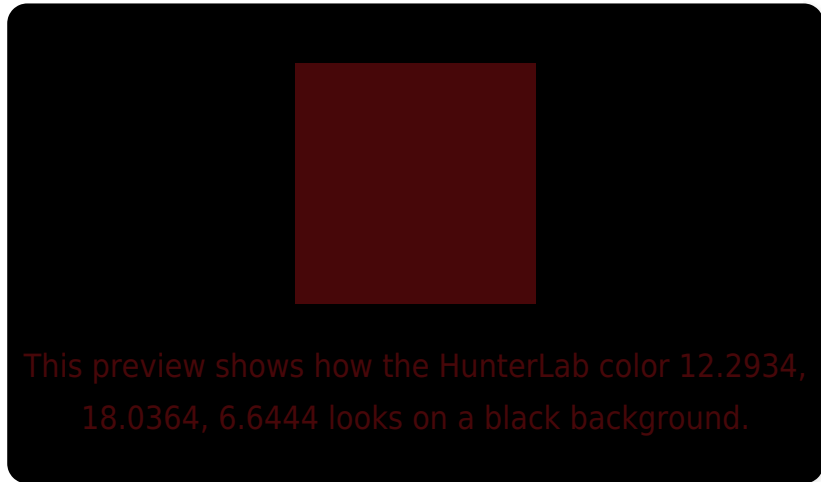
Large Text (above 18pt) WCAG AA ✓ Pass

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

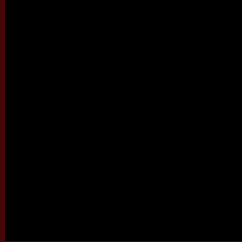
Any Text WCAG AA × Fail

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 12.2934, 18.0364, 6.6444 Background



This preview shows how black text looks on a background with the HunterLab color 12.2934, 18.0364, 6.6444.

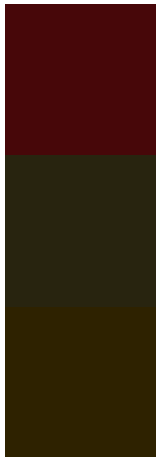


This preview shows how white text looks on a background with the HunterLab color 12.2934, 18.0364,

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

12.2934, 18.0364, 6.6444

Protanopia

13.2188, -1.6329, 6.0897

Deuteranopia

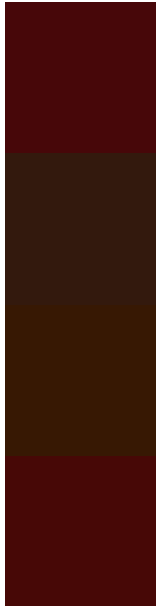
13.1335, 0.1042, 8.0946



Tritanopia

12.3459, 17.6163, 7.2264

Trichromacy



Original Color

12.2934, 18.0364, 6.6444

Protanomaly

11.9504, 5.7565, 5.5755

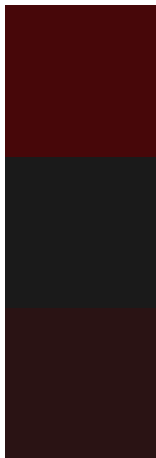
Deuteranomaly

12.1329, 6.9943, 7.1777

Tritanomaly

12.3548, 17.6518, 7.0951

Monochromacy



Original Color

12.2934, 18.0364, 6.6444

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.0424, 5.7815, 2.3819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2934, 18.0364, 6.6444 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(71, 7, 9)` looks like.

```
.text, #text, p{  
    color:rgb(71, 7, 9)  
}
```

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(71, 7, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 7, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2934, 18.0364, 6.6444 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(71, 7, 9) }
```


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

```
.border{ border-color:rgb(71, 7, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 7, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 7, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 7, 9); box-shadow:4px  
4px 4px 4px rgb(71, 7, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.2934, 18.0364, 6.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 7, 9) }
```

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

```
.background{ background-color: rgb(71, 7,  
9) }
```

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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