

Converting Colors

HunterLab(18.4341, 27.1797,
3.6300)

Have a look what the booklet for
HunterLab(18.4341, 27.1797,
3.6300) contains.

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Color

**HunterLab(18.5012, 27.1810,
3.5929)**

Conversions

Conversions Part 1

Format	Color
Hex	66112E
RGB	102, 17, 46
RGB Percent	40%, 7%, 18%
CMY	0.6000, 0.9333, 0.8196
CMYK	0.00, 0.83, 0.55, 0.60
HSL	340°, 71%, 23%
HSV	340°, 83%, 40%
XYZ	6.1731, 3.4229, 2.9201
YIQ	45.7210, 41.3510, 27.0390

Conversions

Conversions Part 2

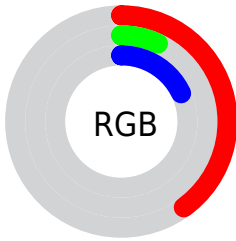
Format	Color
R_{YB}	102, 17, 46
Decimal	6689070
CIE Lab	21.66, 38.64, 5.07
CIE LCh	22, 38.968, 7.480
Yxy	3.4231, 0.4932, 0.2735
Android (android.graphics.Color)	4284879150 (0xFF66112E)
YUV	45.7210, 0.1375, 49.3567
Hunter-Lab	18.5012, 27.1810, 3.5929

Details

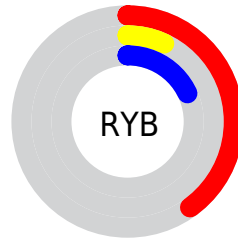
The HunterLab color **18.5012, 27.1810, 3.5929** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31.7853, -20.8880, 7.4604**, and the grayscale version is **16.4280, -0.8766, 0.8926**.

A 20% lighter version of the original color is **35.0767, 30.1291, 5.4118**, and **8.5572, 14.6801, 5.3309** is the 20% darker color. If you saturate the color by 10%, you get **17.6660, 28.9436, 4.8686**, and if you desaturate by 10%, it is **19.6790, 24.6326, 2.5108**.

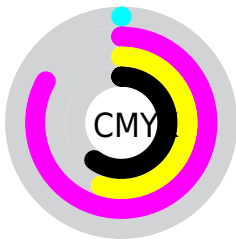
Distribution



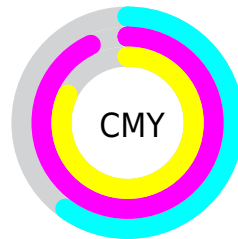
- Red (40%)
- Green (7%)
- Blue (18%)



- Red (40%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (83%)
- Yellow (55%)
- Black (60%)



- Cyan (60%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5012, 27.1810, 3.5929 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 18.5012, 27.1810, 3.5929 by changing the saturation by 10% instead.

18.5012, 27.1810,
3.5929

18.5012, 27.1810,
3.5929

115.4566, 38.0579,
11.3204

11.6466, 25.4800,
2.7869

35.0491, 30.3915,
5.1977

4.2928, 40.2944,
3.0049

44.5507, 31.8135,
6.0162

0.0000, INF, NaN

0.0000, NaN, NaN

54.7832, 33.1123,
6.8513

0.0000, NaN, NaN

65.6975, 34.2965,
7.7050

0.0000, NaN, NaN

77.2536, 35.3751,
8.5783

0.0000, NaN, NaN

0.0000, NaN, NaN

89.4174, 36.3565,

9.4718

0.0000, NaN, NaN

102.1602, 37.2486,
10.3858

18.5012, 27.1810,
3.5929

18.5012, 27.1810,
3.5929

17.6660, 28.9436,
4.8686

19.6790, 24.6326,
2.5108

17.1607, 30.0883,
5.6623

21.1984, 21.4642,
1.6969

23.0259, 17.9121,
1.1657

25.1215, 14.1706,
0.8995

27.4466, 10.3723,
0.8652

■ 29.9668, 6.5960,
1.0264

■ 32.6531, 2.8819,
1.3489

■ 35.4819, -0.7536,
1.8040

■ 38.4338, -4.3082,
2.3678

Harmonies

Analogous

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



18.5017, 24.8632, -9.2657



18.5012, 27.1810, 3.5929



18.5017, 20.5824, 9.8950

Triad

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



18.5017, 27.1792, 3.5934



18.5017, -12.8310, 11.5108



18.5017, -8.8738, -31.8994

Complementary

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



18.5012, 27.1810, 3.5929



31.7853, -20.8880, 7.4604

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.



18.5017, -15.7256, -17.4353



18.5012, 27.1810, 3.5929



18.5017, -17.5805, 7.4946

Square

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



18.5017, 27.1792, 3.5934



18.5017, -3.8399, 12.9512



18.5017, -18.4887, -2.0165



18.5017, 2.0474, -35.5111

Rectangle

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



18.5012, 27.1810, 3.5929



18.5017, 12.7984, 11.9442



18.5017, -18.4887, -2.0165



18.5017, -11.6389, -27.8443

Sweetspot

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



18.5017, 27.1792, 3.5934



38.8659, 9.9246, 1.2872



16.5766, 27.9561, -34.2567



18.4762, 5.4145, 0.5958



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



18.5017, 27.1792, 3.5934



22.6833, 39.6890, 8.1213



19.4461, 21.4011, 10.7395



16.9128, 0.6341, 0.7660



19.4303, 34.0337, 6.6733



44.2046, 77.1019, 17.7102

Inverse Universe

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



18.5017, 27.1792, 3.5934



22.6833, 39.6890, 8.1213



28.7491, -11.6741, -8.4134



16.9128, 0.6341, 0.7660



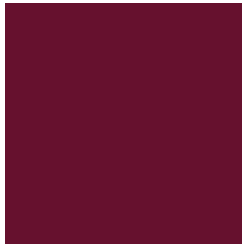
19.4303, 34.0337, 6.6733



44.2046, 77.1019, 17.7102

Previews

White Background



This preview shows how the HunterLab color 18.5012, 27.1810, 3.5929 looks on a white background.

Color Contrast Check

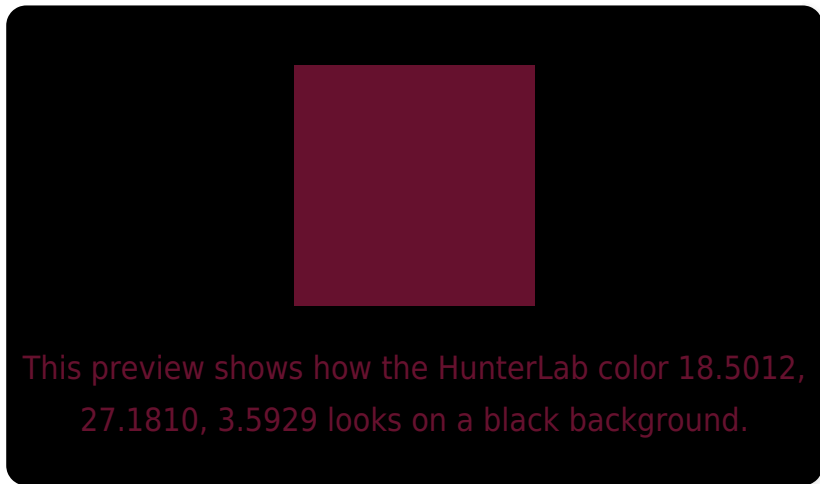
Large Text (above 18pt) WCAG AA ✓ Pass

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

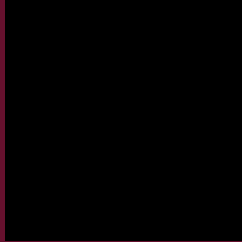
Any Text WCAG AA × Fail

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 18.5012, 27.1810, 3.5929 Background



This preview shows how black text looks on a background with the HunterLab color 18.5012, 27.1810, 3.5929.



This preview shows how white text looks on a background with the HunterLab color 18.5012, 27.1810,

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

18.5012, 27.1810, 3.5929

Protanopia

19.3354, -0.0416, -2.9599

Deuteranopia

19.1831, 0.8193, 5.0646



Tritanopia

18.5619, 23.6585, 9.0917

Trichromacy



Original Color

18.5012, 27.1810, 3.5929

Protanomaly

17.8420, 9.3671, -1.7050

Deuteranomaly

17.8976, 10.7883, 3.6460

Tritanomaly

18.4589, 24.7091, 7.4177

Monochromacy



Original Color

18.5012, 27.1810, 3.5929

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

15.9924, 9.3033, 0.4346

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5012, 27.1810, 3.5929 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(102, 17, 46)` looks like.

```
.text, #text, p{  
    color:rgb(102, 17, 46)  
}
```

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(102, 17, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 17, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5012, 27.1810, 3.5929 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(102, 17, 46) }
```


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

```
.border{ border-color:rgb(102, 17, 46) }
```

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

Here you see how a box with a 4 pixel rgb(102, 17, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 17, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 17, 46);  
box-shadow:4px 4px 4px 4px rgb(102, 17,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.5012, 27.1810, 3.5929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 17, 46) }
```

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

```
.background{ background-color: rgb(102, 17,  
46) }
```

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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