Converting Colors

HunterLab(17.1729, 11.1960, -4.6311)

Have a look what the booklet for HunterLab(17.1729, 11.1960, -4.6311) contains.

HunterLab(17.1034, 11.3780, -4.5662) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

HunterLab(17.1034, 11.3780, -4.5662)

Conversions

Format	Color
Hex	45253D
RGB	69, 37, 61
RGB Percent	27%, 15%, 24%
CMY	0.7294, 0.8549, 0.7608
CMYK	0.00, 0.46, 0.12, 0.73
HSL	315°, 30%, 21%
HSV	315°, 46%, 27%
XYZ	3.9581, 2.9253, 4.7709
YIQ	49.3040, 11.3680, 14.2480

Conversions Part 1

Conversions

Conversions Part 2

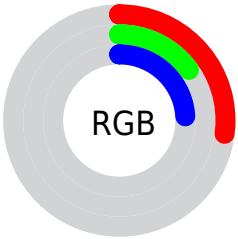
Format	Color
RYB	69, 37, 61
Decimal	4531517
CIELab	19.74, 19.25, -8.88
CIELCh	20, 21.198, 335.223
Yxy	2.9254, 0.3396, 0.2510
Android (android.graphics.Color)	4282721597 (0xFF45253D)
YUV	49.3040, 5.7661, 17.2734
Hunter-Lab	17.1034, 11.3780, -4.5662

Details

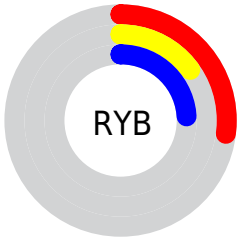
The HunterLab color 17.1034, 11.3780, -4.5662 is a dark color, and the websafe version is hex 663366. A complement of this color would be 21.9980, -11.1928, 6.6673, and the grayscale version is 17.6058, -0.9394, 0.9566.

A 20% lighter version of the original color is 33.3478, 12.6779, -4.4534, and 5.4212, 10.1512, -3.2198 is the 20% darker color. If you saturate the color by 10%, you get 15.8668, 14.0568, -5.5784, and if you desaturate by 10%, it is 18.4800, 8.6227, -3.4206.

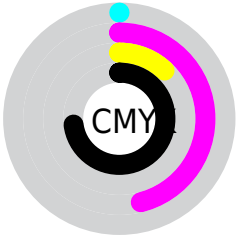
Distribution



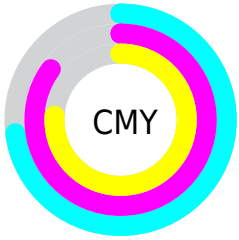
- Red (27%)
- Green (15%)
- Blue (24%)



- Red (27%)
- Yellow (15%)
- Blue (24%)



- Cyan (0%)
- Magenta (46%)
- Yellow (12%)
- Black (73%)



- Cyan (73%)
- Magenta (85%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1034, 11.3780, -4.5662 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 17.1034, 11.3780, -4.5662 by changing the saturation by 10% instead.

17.1034, 11.3780, -4.5662

112.8591, 15.1037, -3.1855

33.3115, 12.9195, -4.7185

42.6661, 13.4953, -4.6747

52.7623, 13.9654, -4.5631

63.5489, 14.3427, -4.3903

74.9844, 14.6377, -4.1621

87.0338, 14.8586,

17.1034, 11.3780, -4.5662

10.4542, 10.3648, -4.3488

0.0000, INF, -NF

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

-3.8828

99.6674, 15.0121, -3.5562

17.1034, 11.3780, -4.5662

17.1034, 11.3780, -4.5662

15.8668, 14.0568, -5.5784

18.4800, 8.6227, -3.4206

14.7885, 16.5712, -6.4065

19.9773, 5.8533, -2.1835

13.8875, 18.8017, -6.9909

21.5796, 3.1053, -0.8844

13.1780, 20.6156, -7.2764

23.2732, 0.3984, 0.4560

12.5334, 22.3554, -7.4645

25.0466, -2.2593, 1.8238

12.2919, 23.0489, -7.5505

26.8901, -4.8660, 3.2098

28.7957, -7.4239, 4.6081

30.7569, -9.9370, 6.0150

32.7680, -12.4103, 7.4283

Harmonies

Analogous

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

17.1038, 6.5578, -11.2380

17.1034, 11.3780, -4.5662

17.1038, 12.7241, 1.9362

Triad

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

17.1038, 11.3773, -4.5658

17.1038, -1.9904, 8.8393

17.1038, -9.6400, -7.0311

Complementary

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

17.1034, 11.3780, -4.5662

21.9980, -11.1928, 6.6673

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.

17.1038, -11.2822, -0.1391

17.1034, 11.3780, -4.5662

17.1038, -7.2884, 7.8686

Square

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

17.1038, 11.3773, -4.5658

17.1038, 4.4014, 8.3819

17.1038, -10.4870, 5.0510

17.1038, -5.6495, -12.9822

Rectangle

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

17.1034, 11.3780, -4.5662

17.1038, 11.3274, 5.1097

17.1038, -10.4870, 5.0510

17.1038, -10.4568, -4.6713

Sweetspot

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

17.1038, 11.3773, -4.5658

28.4318, 3.3917, -0.8362

15.2015, 6.4880, -12.4790

14.6712, 1.9695, -0.5348

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.

17.1038, 11.3773, -4.5658

20.3407, 18.8925, -7.4687

16.6672, 9.2757, 1.6007

12.3691, 0.5444, 0.0809

17.8337, 33.3575, -10.3113

43.8554, 81.7394, -23.1004

Inverse Universe

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

17.1038, 11.3773, -4.5658

20.3407, 18.8925, -7.4687

22.3306, -9.2350, 1.8761

12.3691, 0.5444, 0.0809

17.8337, 33.3575, -10.3113

43.8554, 81.7394, -23.1004

Previews

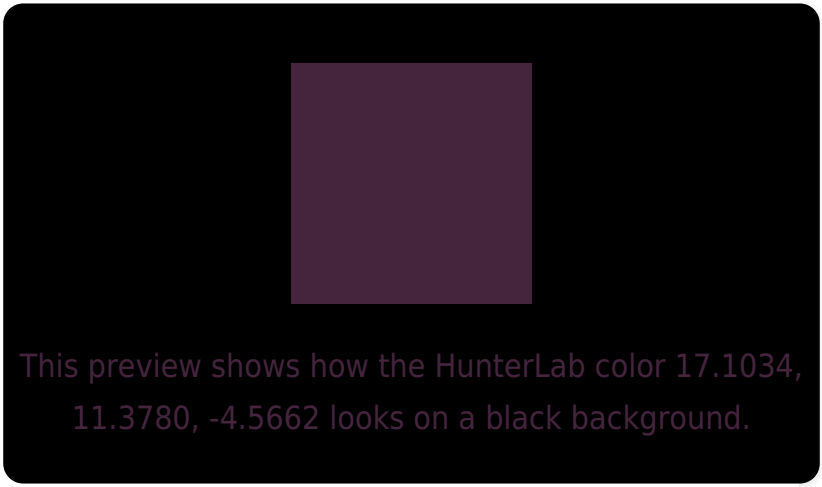
White Background

This preview shows how the HunterLab color 17.1034, 11.3780, -4.5662 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

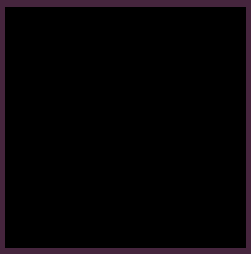


Color Contrast Check

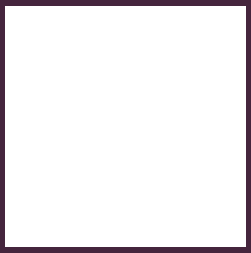
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 17.1034, 11.3780, -4.5662 Background



This preview shows how black text looks on a background with the HunterLab color 17.1034, 11.3780, -4.5662.



This preview shows how white text looks on a background with the HunterLab color 17.1034, 11.3780,

-4.5662.

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
17.1034, 11.3780, -4.5662

Protanopia
17.4236, 1.1237, -8.4028

Deuteranopia
17.1847, 0.8621, -3.6714

Tritanopia
17.2076, 6.8396, 2.5126

Trichromacy

Original Color
17.1034, 11.3780, -4.5662

Protanomaly
17.1020, 4.5173, -7.2518

Deuteranomaly
16.9299, 4.6920, -4.4570

Tritanomaly
17.2535, 8.2762, 0.4066

Monochromacy

Original Color
17.1034, 11.3780, -4.5662

Achromatopsia
17.5253, -0.9351, 0.9522

Achromatomaly
17.2469, 3.0597, -0.8977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1034, 11.3780, -4.5662 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(69, 37, 61) looks like.

```
.text, #text, p{
    color:rgb(69, 37, 61)
}
```

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(69, 37, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 37, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1034, 11.3780, -4.5662 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(69, 37, 61) }
```

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

```
.border{ border-color:rgb(69, 37, 61) }
```

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

Here you see how a box with a 4 pixel rgb(69, 37, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(69, 37, 61); -webkit-box-shadow:4px 4px 4px 4px rgb(69, 37, 61); box-shadow:4px 4px 4px 4px rgb(69, 37, 61) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.1034, 11.3780, -4.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(69, 37, 61) }
```

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

```
.background{ background-color:rgb(69, 37,
61) }
```

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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