

Converting Colors

HunterLab(17.7966, 12.0261,
-45.9245)

Have a look what the booklet for
HunterLab(17.7966, 12.0261,
-45.9245) contains.

HunterLab(17.8340, 11.9162, -45.7834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.8340, 11.9162,
-45.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2C76
RGB	11, 44, 118
RGB Percent	4%, 17%, 46%
CMY	0.9568, 0.8275, 0.5373
CMYK	0.91, 0.63, 0.00, 0.54
HSL	222°, 83%, 25%
HSV	222°, 91%, 46%
XYZ	4.3087, 3.1805, 17.5263
YIQ	42.5690, -43.4220, 16.0180

Conversions

Conversions Part 2

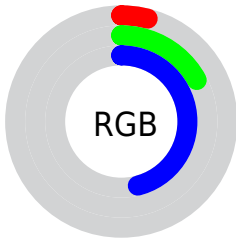
Format	Color
R_{YB}	11, 36, 118
Decimal	732278
CIE _{Lab}	20.75, 19.87, -45.43
CIE _{LCh}	21, 49.581, 293.620
Yxy	3.1806, 0.1722, 0.1271
Android (android.graphics.Color)	4278922358 (0xFF0B2C76)
YUV	42.5690, 37.1875, -27.6860
Hunter-Lab	17.8340, 11.9162, -45.7834

Details

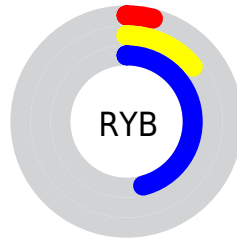
The HunterLab color **17.8340, 11.9162, -45.7834** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **32.2100, 3.3796, 19.3233**, and the grayscale version is **15.2957, -0.8161, 0.8310**.

A 20% lighter version of the original color is **34.2122, 13.5117, -45.4516**, and **6.5549, 17.7802, -46.5755** is the 20% darker color. If you saturate the color by 10%, you get **16.1029, 15.1902, -52.9186**, and if you desaturate by 10%, it is **19.8957, 8.7344, -38.6643**.

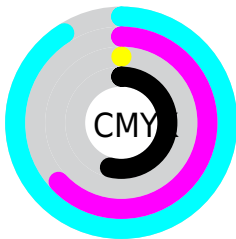
Distribution



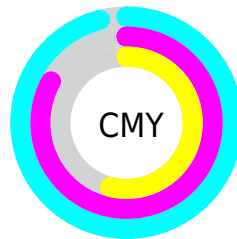
- Red (4%)
- Green (17%)
- Blue (46%)



- Red (4%)
- Yellow (14%)
- Blue (46%)



- Cyan (91%)
- Magenta (63%)
- Yellow (0%)
- Black (54%)



- Cyan (96%)
- Magenta (83%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8340, 11.9162, -45.7834 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 17.8340, 11.9162, -45.7834 by changing the saturation by 10% instead.

■ 17.8340, 11.9162,
-45.7834

■ 17.8340, 11.9162,
-45.7834

■ 114.2223, 15.8158,
-49.9867

■ 11.0758, 10.8889,
-48.1584

■ 34.2213, 13.4966,
-45.4017

■ 2.8874, 29.8256,
-112.6680

■ 43.6536, 14.0922,
-45.8982

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 53.8216, 14.5820,
-46.5417

0.0000, NaN, NaN

■ 64.6756, 14.9791,
-47.2450

0.0000, NaN, NaN

■ 76.1746, 15.2935,
-47.9619

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2843, 15.5335,

-48.6667

0.0000, NaN, NaN

100.9754, 15.7058,
-49.3444

17.8340, 11.9162,
-45.7834

17.8340, 11.9162,
-45.7834

16.1029, 15.1902,
-52.9186

19.8957, 8.7344,
-38.6643

22.1907, 6.0748,
-32.0141

24.6813, 3.9040,
-25.8965

27.3357, 2.1594,
-20.2932

30.1289, 0.7744,
-15.1499

■ 33.0408, -0.3118,
-10.4020

■ 36.0560, -1.1504,
-5.9868

■ 39.1618, -1.7836,
-1.8489

■ 42.3482, -2.2456,
2.0590

Harmonies

Analogous

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



17.8342, -4.0010, -52.1844



17.8340, 11.9162, -45.7834



17.8342, 28.1672, -23.6490

Triad

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



17.8342, 11.9171, -45.7829



17.8342, 19.2199, 12.4839



17.8342, -21.3148, 3.7204

Complementary

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



17.8340, 11.9162, -45.7834



32.2100, 3.3796, 19.3233

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.



17.8342, -18.5457, 11.0028



17.8340, 11.9162, -45.7834



17.8342, 2.3155, 12.4839

Square

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



17.8342, 11.9171, -45.7829



17.8342, 33.2543, 8.7590



17.8342, -10.9675, 12.4839



17.8342, -20.2313, -13.6065

Rectangle

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



17.8340, 11.9162, -45.7834



17.8342, 35.3072, -8.4559



17.8342, -10.9675, 12.4839



17.8342, -20.8437, 7.0341

Sweetspot

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



17.8342, 11.9171, -45.7829



44.9965, -0.7781, -11.9972



36.9732, -25.0105, 8.8548



21.0855, -0.2230, -6.4945



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



17.8342, 11.9171, -45.7829



20.8491, 21.5033, -72.4789



13.5396, 28.2986, -66.2163



19.3833, -0.9136, -0.5834



16.6873, 15.9640, -55.3195



34.9438, 40.4866, -131.0757

Inverse Universe

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



20.6714, 33.3007, 6.4861



26.4177, 46.0233, 11.0071



39.4960, -16.6124, 23.5705



19.2815, 0.7527, 0.9366



20.7487, 36.1992, 8.2420



45.6531, 79.3575, 20.3899

Previews

White Background



This preview shows how the HunterLab color 17.8340, 11.9162, -45.7834 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



This preview shows how the HunterLab color 17.8340, 11.9162, -45.7834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

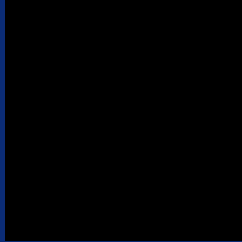
Any Text WCAG AA × Fail

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 17.8340, 11.9162, -45.7834 Background



This preview shows how black text looks on a background with the HunterLab color 17.8340, 11.9162, -45.7834.



This preview shows how white text looks on a background with the HunterLab color 17.8340, 11.9162, -45.7834.

-45.7834.

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

17.8340, 11.9162, -45.7834

Protanopia

17.8210, 4.3357, -31.6343

Deuteranopia

17.7780, -1.0959, -19.8552



Tritanopia

17.7316, -8.8474, -3.0640

Trichromacy



Original Color

17.8340, 11.9162, -45.7834

Protanomaly

17.7244, 6.9832, -36.4142

Deuteranomaly

17.6728, 3.4186, -28.6524

Tritanomaly

17.4957, -2.8050, -14.9877

Monochromacy



Original Color

17.8340, 11.9162, -45.7834

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.6884, 1.3818, -12.2069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8340, 11.9162, -45.7834 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(11, 44, 118)` looks like.

```
.text, #text, p{  
    color:rgb(11, 44, 118)  
}
```

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(11, 44, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 44, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8340, 11.9162, -45.7834 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(11, 44, 118) }
```


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

```
.border{ border-color:rgb(11, 44, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 44, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 44, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 44, 118);  
box-shadow:4px 4px 4px 4px rgb(11, 44,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.8340, 11.9162, -45.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 44, 118) }
```

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

```
.background{ background-color: rgb(11, 44,  
118) }
```

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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