

Converting Colors

HunterLab(29.5140, -6.0685,
-17.7064)

Have a look what the booklet for
HunterLab(29.5140, -6.0685,
-17.7064) contains.

HunterLab(29.4259, -5.9568, -17.7754)	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(29.4259, -5.9568,
-17.7754)**

Conversions

Conversions Part 1

Format	Color
Hex	215878
RGB	33, 88, 120
RGB Percent	13%, 35%, 47%
CMY	0.8706, 0.6549, 0.5294
CMYK	0.72, 0.27, 0.00, 0.53
HSL	202°, 57%, 30%
HSV	202°, 72%, 47%
XYZ	7.5071, 8.6588, 19.0450
YIQ	75.2030, -43.0520, -1.7080

Conversions

Conversions Part 2

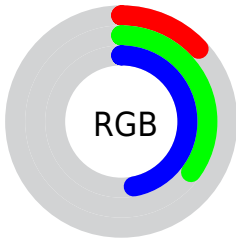
Format	Color
R_{YB}	33, 67, 120
Decimal	2185336
CIE _{Lab}	35.32, -6.68, -23.37
CIE _{LCh}	35, 24.303, 254.057
Yxy	8.6591, 0.2132, 0.2459
Android (android.graphics.Color)	4280375416 (0xFF215878)
YUV	75.2030, 22.0849, -37.0120
Hunter-Lab	29.4259, -5.9568, -17.7754

Details

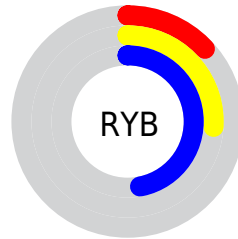
The HunterLab color $29.4259, -5.9568, -17.7754$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $28.0785, 13.8681, 14.5056$, and the grayscale version is $26.5334, -1.4158, 1.4416$.

A 20% lighter version of the original color is $48.2487, -8.0215, -18.3712$, and $14.7739, -1.6756, -14.8491$ is the 20% darker color. If you saturate the color by 10%, you get $27.9147, -5.1257, -20.6306$, and if you desaturate by 10%, it is $31.0492, -6.4138, -14.9117$.

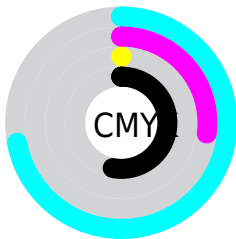
Distribution



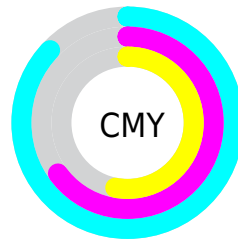
- Red (13%)
- Green (35%)
- Blue (47%)



- Red (13%)
- Yellow (26%)
- Blue (47%)



- Cyan (72%)
- Magenta (27%)
- Yellow (0%)
- Black (53%)



- Cyan (87%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4259, -5.9568, -17.7754 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 29.4259, -5.9568, -17.7754 by changing the saturation by 10% instead.

■ 29.4259, -5.9568,
-17.7754

■ 29.4259, -5.9568,
-17.7754

■ 134.4672,
-14.6007, -20.1295

■ 21.2592, -5.0411,
-17.2630

■ 48.2088, -7.7884,
-18.7051

■ 14.0293, -4.1086,
-16.8172

■ 58.6956, -8.7170,
-19.0851

■ 7.6740, -4.2005,
-17.4855

■ 69.8488, -9.6584,
-19.4033

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 81.6306, -10.6144,
-19.6606

0.0000, NaN, NaN

■ 94.0092, -11.5860,
-19.8592

0.0000, NaN, NaN

■ 106.9570,

0.0000, NaN, NaN

-12.5739, -20.0018

0.0000, NaN, NaN

120.4501,
-13.5788, -20.0910

■ 29.4259, -5.9568,
-17.7754

■ 29.4259, -5.9568,
-17.7754

■ 27.9147, -5.1257,
-20.6306

■ 31.0492, -6.4138,
-14.9117

■ 26.5164, -3.9172,
-23.4614

■ 32.7779, -6.5159,
-12.0586

■ 25.5066, -2.8916,
-25.6388

■ 34.6065, -6.2884,
-9.2295

■ 36.5283, -5.7603,
-6.4344

■ 38.5366, -4.9607,
-3.6798

■ 40.6251, -3.9179,
-0.9692

■ 42.7878, -2.6580,
1.6964

■ 45.0192, -1.2045,
4.3172

■ 47.3143, 0.4215,
6.8951

Harmonies

Analogous

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



29.4264, -12.4882, -11.4947



29.4259, -5.9568, -17.7754



29.4264, 2.5327, -17.9883

Triad

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



29.4264, -5.9566, -17.7748



29.4264, 16.1526, 5.1558



29.4264, -12.1624, 10.7767

Complementary

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



29.4259, -5.9568, -17.7754



28.0785, 13.8681, 14.5056

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.



29.4264, -5.4628, 13.1000



29.4259, -5.9568, -17.7754



29.4264, 11.2122, 10.5402

Square

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



29.4264, -5.9566, -17.7748



29.4264, 15.9811, -3.0305



29.4264, 3.0861, 13.0280



29.4264, -15.7815, 5.5852

Rectangle

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



29.4259, -5.9568, -17.7754



29.4264, 8.2222, -14.5419



29.4264, 3.0861, 13.0280



29.4264, -10.2316, 11.8431

Sweetspot

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



29.4264, -5.9566, -17.7748



51.0955, -6.5842, -4.8957



37.5992, -26.4176, 14.8430



24.5943, -3.3285, -2.7588



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



29.4264, -5.9566, -17.7748



35.7734, -5.7886, -29.8560



18.7782, 14.1050, -44.2870



20.6791, -1.7559, -0.0276



26.5893, -2.9374, -26.8934



56.6191, -4.0554, -62.0144

Inverse Universe

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



24.0535, 32.4968, -7.3676



29.2697, 49.2023, -8.5983



38.6172, -5.5242, 21.4894



20.1338, 1.0700, 0.2609



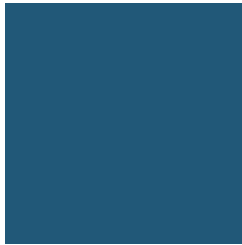
22.1824, 40.5321, -5.3880



48.2736, 87.8979, -9.3332

Previews

White Background



This preview shows how the HunterLab color 29.4259, -5.9568, -17.7754 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 29.4259, -5.9568, -17.7754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

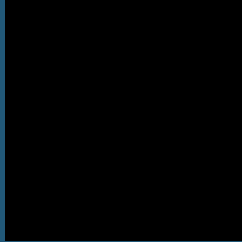
Any Text WCAG AA × Fail

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 29.4259, -5.9568, -17.7754 Background



This preview shows how black text looks on a background with the HunterLab color 29.4259, -5.9568, -17.7754.



This preview shows how white text looks on a background with the HunterLab color 29.4259, -5.9568, -17.7754.

-17.7754.

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

29.4259, -5.9568, -17.7754

Protanopia

29.4769, 2.0648, -14.4247

Deuteranopia

29.3400, 2.0908, -18.4386



Tritanopia

29.4083, -13.4659, -5.9132

Trichromacy



Original Color

29.4259, -5.9568, -17.7754

Protanomaly

29.1968, -1.4139, -16.2097

Deuteranomaly

29.2119, -1.0325, -18.7326

Tritanomaly

29.5011, -11.0624, -9.9708

Monochromacy



Original Color

29.4259, -5.9568, -17.7754

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.3008, -4.4898, -4.7508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4259, -5.9568, -17.7754 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(33, 88, 120)` looks like.

```
.text, #text, p{  
    color:rgb(33, 88, 120)  
}
```

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(33, 88, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 88, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4259, -5.9568, -17.7754 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(33, 88, 120) }
```


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

```
.border{ border-color:rgb(33, 88, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 88, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 88, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 88, 120);  
box-shadow:4px 4px 4px 4px rgb(33, 88,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4259, -5.9568, -17.7754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 88, 120) }
```

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

```
.background{ background-color: rgb(33, 88,  
120) }
```

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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