

Converting Colors

HunterLab(30.1716, 0.0092,
-30.4033)

Have a look what the booklet for
HunterLab(30.1716, 0.0092,
-30.4033) contains.

HunterLab(30.1714, -0.1177, -30.1666)	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(30.1714, -0.1177,
-30.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	25578C
RGB	37, 87, 140
RGB Percent	15%, 34%, 55%
CMY	0.8549, 0.6588, 0.4510
CMYK	0.74, 0.38, 0.00, 0.45
HSL	211°, 58%, 35%
HSV	211°, 74%, 55%
XYZ	8.9047, 9.1031, 26.0986
YIQ	78.0920, -46.8130, 5.8830

Conversions

Conversions Part 2

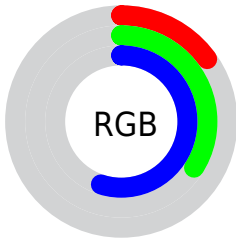
Format	Color
R_{YB}	37, 71, 140
Decimal	2447244
CIE _{Lab}	36.18, 2.17, -34.27
CIE _{LCh}	36, 34.335, 273.619
Yxy	9.1034, 0.2019, 0.2064
Android (android.graphics.Color)	4280637324 (0xFF25578C)
YUV	78.0920, 30.5206, -36.0377
Hunter-Lab	30.1714, -0.1177, -30.1666

Details

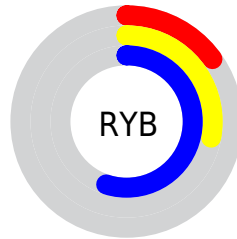
The HunterLab color $30.1714, -0.1177, -30.1666$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $36.0867, 10.0851, 19.5364$, and the grayscale version is $27.5414, -1.4695, 1.4964$.

A 20% lighter version of the original color is $48.9797, -0.5617, -31.6114$, and $15.4182, 3.4796, -26.7827$ is the 20% darker color. If you saturate the color by 10%, you get $27.8985, 1.9852, -35.5029$, and if you desaturate by 10%, it is $32.6181, -1.6996, -25.0299$.

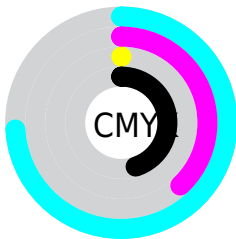
Distribution



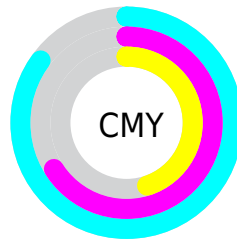
- Red (15%)
- Green (34%)
- Blue (55%)



- Red (15%)
- Yellow (28%)
- Blue (55%)



- Cyan (74%)
- Magenta (38%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1714, -0.1177, -30.1666 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 30.1714, -0.1177, -30.1666 by changing the saturation by 10% instead.

■ 30.1714, -0.1177,
-30.1666

■ 30.1714, -0.1177,
-30.1666

■ 135.7010, -4.7964,
-34.7246

■ 21.9288, 0.1753,
-29.7247

■ 49.0865, -0.8690,
-31.3721

■ 14.6132, 0.4000,
-29.6979

■ 59.6326, -1.3164,
-31.9827

■ 8.2732, 0.6998,
-31.3983

■ 70.8414, -1.8060,
-32.5600

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 82.6759, -2.3347,
-33.0932

0.0000, NaN, NaN

■ 95.1046, -2.9000,
-33.5774

0.0000, NaN, NaN

■ 108.1004, -3.4999,

0.0000, NaN, NaN

-34.0107

0.0000, NaN, NaN

121.6396, -4.1325,
-34.3929

■ 30.1714, -0.1177,
-30.1666

■ 30.1714, -0.1177,
-30.1666

■ 27.8985, 1.9852,
-35.5029

■ 32.6181, -1.6996,
-25.0299

■ 25.8133, 4.6304,
-41.0009

■ 35.2201, -2.8064,
-20.1139

■ 24.5409, 6.5005,
-44.7068

■ 37.9619, -3.4903,
-15.4198

■ 40.8287, -3.8036,
-10.9379

■ 43.8077, -3.7944,
-6.6520

■ 46.8876, -3.5057,
-2.5434

■ 50.0589, -2.9745,
1.4077

■ 53.3133, -2.2323,
5.2198

■ 56.6437, -1.3060,
8.9105

Harmonies

Analogous

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



30.1719, -11.3372, -25.9441



30.1714, -0.1177, -30.1666



30.1719, 12.4959, -23.4543

Triad

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



30.1719, -0.1173, -30.1659



30.1719, 20.4964, 11.5642



30.1719, -19.8716, 9.9657

Complementary

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



30.1714, -0.1177, -30.1666



36.0867, 10.0851, 19.5364

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.



30.1719, -13.5249, 14.9361



30.1714, -0.1177, -30.1666



30.1719, 9.5271, 15.5684

Square

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



30.1719, -0.1173, -30.1659



30.1719, 25.5294, 3.0165



30.1719, -3.0772, 16.4976



30.1719, -21.6239, 0.2003

Rectangle

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



30.1714, -0.1177, -30.1666



30.1719, 19.6764, -14.8049



30.1719, -3.0772, 16.4976



30.1719, -18.2604, 12.1013

Sweetspot

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



30.1719, -0.1173, -30.1659



58.6124, -5.0132, -8.2198



44.5675, -30.2369, 14.5046



27.6815, -2.4294, -4.5741



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



30.1719, -0.1173, -30.1659



35.2724, 4.7613, -51.7102



19.0012, 24.6029, -65.2796



22.9494, -1.5679, -0.3689



23.2176, 5.9603, -41.8865



2.5479, -0.6188, -1.8488

Inverse Universe

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



27.5448, 37.3203, -1.7827



33.6084, 55.9311, 0.8359



49.4625, -12.4800, 28.1614



22.5530, 1.1138, 0.6464



23.0833, 41.1525, 2.3452



1.9579, 3.6301, -0.8827

Previews

White Background



This preview shows how the HunterLab color 30.1714, -0.1177, -30.1666 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 30.1714, -0.1177, -30.1666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

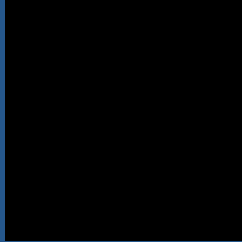
Any Text WCAG AA × Fail

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 30.1714, -0.1177, -30.1666 Background



This preview shows how black text looks on a background with the HunterLab color 30.1714, -0.1177, -30.1666.



This preview shows how white text looks on a background with the HunterLab color 30.1714, -0.1177, -30.1666.

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

30.1714, -0.1177, -30.1666

Protanopia

30.0900, 4.5975, -27.2744

Deuteranopia

30.0723, 2.2713, -30.3467



Tritanopia

29.9411, -14.2363, -6.6917

Trichromacy



Original Color

30.1714, -0.1177, -30.1666

Protanomaly

29.8849, 2.6941, -28.4918

Deuteranomaly

30.1777, 1.2732, -30.1284

Tritanomaly

29.7131, -9.5887, -14.8290

Monochromacy



Original Color

30.1714, -0.1177, -30.1666

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.0735, -2.4504, -8.7464

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1714, -0.1177, -30.1666 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(37, 87, 140)` looks like.

```
.text, #text, p{  
    color:rgb(37, 87, 140)  
}
```

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(37, 87, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 87, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1714, -0.1177, -30.1666 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(37, 87, 140) }
```


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

```
.border{ border-color:rgb(37, 87, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 87, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 87, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 87, 140);  
box-shadow:4px 4px 4px 4px rgb(37, 87,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.1714, -0.1177, -30.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 87, 140) }
```

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

```
.background{ background-color: rgb(37, 87,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor