

Converting Colors

HunterLab(30.2446, -9.1956,
6.6370)

Have a look what the booklet for
HunterLab(30.2446, -9.1956, 6.6370)
contains.

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Color

**HunterLab(30.1776, -9.0870,
6.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	475A47
RGB	71, 90, 71
RGB Percent	28%, 35%, 28%
CMY	0.7216, 0.6471, 0.7216
CMYK	0.21, 0.00, 0.21, 0.65
HSL	120°, 12%, 32%
HSV	120°, 21%, 35%
XYZ	7.3920, 9.1069, 7.3295
YIQ	82.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

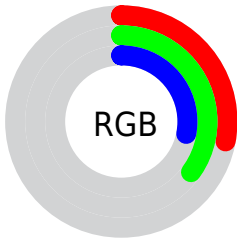
Format	Color
R_{YB}	71, 90, 90
Decimal	4676167
CIE Lab	36.19, -11.53, 8.62
CIE LCh	36, 14.398, 143.204
Yxy	9.1073, 0.3102, 0.3822
Android (android.graphics.Color)	4282866247 (0xFF475A47)
YUV	82.1530, -5.4984, -9.7812
Hunter-Lab	30.1776, -9.0870, 6.7241

Details

The HunterLab color **30.1776, -9.0870, 6.7241** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.2370, 6.8315, -4.1540**, and the grayscale version is **29.1244, -1.5540, 1.5824**.

A 20% lighter version of the original color is **49.0725, -11.4776, 8.9507**, and **14.5541, -6.3090, 4.3822** is the 20% darker color. If you saturate the color by 10%, you get **29.4697, -12.1254, 8.7775**, and if you desaturate by 10%, it is **30.9797, -5.7419, 4.4638**.

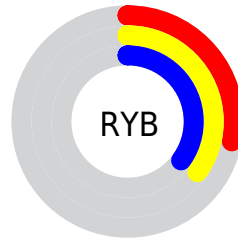
Distribution



Red (28%)

Green (35%)

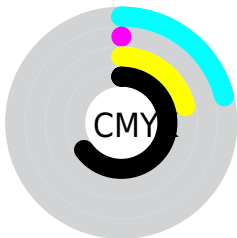
Blue (28%)



Red (28%)

Yellow (35%)

Blue (35%)

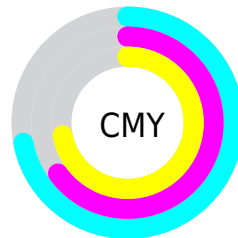


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1776, -9.0870, 6.7241 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 30.1776, -9.0870, 6.7241 by changing the saturation by 10% instead.

■ 30.1776, -9.0870,
6.7241

■ 30.1776, -9.0870,
6.7241

■ 135.7115,
-19.9996, 16.3115

■ 21.9345, -7.8103,
5.6568

■ 49.0940, -11.5420,
8.8143

■ 14.6182, -6.4639,
4.5467

■ 59.6405, -12.7466,
9.8567

■ 8.2781, -6.5111,
4.7689

■ 70.8498, -13.9464,
10.9047

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.6848, -15.1462,
11.9615

0.0000, NaN, NaN

■ 95.1140, -16.3493,
13.0293

0.0000, NaN, NaN

108.1102,

0.0000, NaN, NaN

-17.5581, 14.1096

0.0000, NaN, NaN

121.6497,
-18.7744, 15.2034

■ 30.1776, -9.0870,
6.7241

■ 30.1776, -9.0870,
6.7241

■ 29.4697, -12.1254,
8.7775

■ 30.9797, -5.7419,
4.4638

■ 28.8559, -14.8226,
10.6006

■ 31.8714, -2.1239,
2.0195

■ 28.3373, -17.1518,
12.1752

■ 32.8501, 1.7302,
-0.5837

■ 27.9130, -19.0934,
13.4879

■ 33.9119, 5.7856,
-3.3223

■ 27.5806, -20.6386,
14.5327

■ 35.0525, 10.0095,
-6.1740

■ 27.3356, -21.7913,
15.3122

■ 36.2678, 14.3724,
-9.1190

■ 27.1696, -22.5793,
15.8451

■ 37.5532, 18.8485,
-12.1396

■ 27.0420, -23.1885,
16.2571

■ 38.9047, 23.4154,
-15.2208

■ 40.3180, 28.0542,
-18.3498

Harmonies

Analogous

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



30.1782, -5.3884, 9.0360



30.1776, -9.0870, 6.7241



30.1782, -10.7664, 2.7285

Triad

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



30.1782, -9.0876, 6.7245



30.1782, -2.7664, -9.1971



30.1782, 7.9658, 5.1000

Complementary

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



30.1776, -9.0870, 6.7241



27.2370, 6.8315, -4.1540

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.



30.1782, 8.7835, 0.5150



30.1776, -9.0870, 6.7241



30.1782, 2.3601, -8.2788

Square

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



30.1782, -9.0876, 6.7245



30.1782, -7.2774, -6.8466



30.1782, 6.6709, -4.5128



30.1782, 4.5052, 8.2129

Rectangle

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



30.1776, -9.0870, 6.7241



30.1782, -10.5989, -0.5725



30.1782, 6.6709, -4.5128



30.1782, 8.5679, 3.7017

Sweetspot

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



30.1782, -9.0876, 6.7245



41.5403, -5.2830, 4.3423



31.5300, -4.1674, 8.1458



20.4034, -2.6761, 2.1880



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



30.1782, -9.0876, 6.7245



39.4592, -13.9604, 10.2056



30.3956, -7.8475, 3.5981



16.0819, -2.5521, 2.0257



33.2814, -28.5387, 20.0080



77.8815, -66.7833, 46.8209

Inverse Universe

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



27.2370, 6.8315, -4.1540



34.7411, 11.6112, -7.2689



26.9573, 5.3771, -0.2016



15.4350, 0.9414, -0.3616



21.0017, 41.2898, -27.6982



49.1459, 96.6219, -64.8160

Previews

White Background



This preview shows how the HunterLab color 30.1776, -9.0870, 6.7241 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 30.1776, -9.0870, 6.7241 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 30.1776, -9.0870, 6.7241 Background



This preview shows how black text looks on a background with the HunterLab color 30.1776, -9.0870, 6.7241.



This preview shows how white text looks on a background with the HunterLab color 30.1776, -9.0870,

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

30.1776, -9.0870, 6.7241

Protanopia

30.1463, -2.3772, 7.7786

Deuteranopia

30.0949, 1.6028, 6.1542



Tritanopia

30.2000, -3.6134, -2.2443

Trichromacy



Original Color

30.1776, -9.0870, 6.7241

Protanomaly

30.1414, -5.0768, 7.4091

Deuteranomaly

30.0659, -2.4914, 6.3927

Tritanomaly

30.1781, -5.5312, 1.2016

Monochromacy



Original Color

30.1776, -9.0870, 6.7241

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.4394, -4.4340, 3.5466

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1776, -9.0870, 6.7241 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(71, 90, 71)` looks like.

```
.text, #text, p{  
    color:rgb(71, 90, 71)  
}
```

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(71, 90, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 90, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1776, -9.0870, 6.7241 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(71, 90, 71) }
```


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

```
.border{ border-color:rgb(71, 90, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 90, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 90, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 90, 71);  
box-shadow:4px 4px 4px 4px rgb(71, 90, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1776, -9.0870, 6.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 90, 71) }
```

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

```
.background{ background-color: rgb(71, 90,  
71) }
```

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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