

Converting Colors

HunterLab(30.0136, -5.4839,
-16.9455)

Have a look what the booklet for
HunterLab(30.0136, -5.4839,
-16.9455) contains.

HunterLab(29.9537, -5.4784, -16.8109)	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(29.9537, -5.4784,
-16.8109)**

Conversions

Conversions Part 1

Format	Color
Hex	295978
RGB	41, 89, 120
RGB Percent	16%, 35%, 47%
CMY	0.8392, 0.6510, 0.5294
CMYK	0.66, 0.26, 0.00, 0.53
HSL	204°, 49%, 32%
HSV	204°, 66%, 47%
XYZ	7.8770, 8.9722, 19.0859
YIQ	78.1820, -38.5590, -0.5350

Conversions

Conversions Part 2

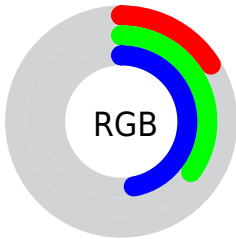
Format	Color
R_{YB}	41, 71, 120
Decimal	2709880
CIE _{Lab}	35.93, -5.85, -22.39
CIE _{LCh}	36, 23.144, 255.370
Yxy	8.9726, 0.2192, 0.2497
Android (android.graphics.Color)	4280899960 (0xFF295978)
YUV	78.1820, 20.6163, -32.6086
Hunter-Lab	29.9537, -5.4784, -16.8109

Details

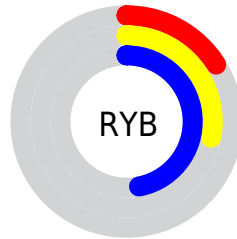
The HunterLab color **29.9537, -5.4784, -16.8109** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **29.6453, 11.1248, 14.2656**, and the grayscale version is **27.6061, -1.4730, 1.4999**.

A 20% lighter version of the original color is **48.8638, -7.3433, -17.3765**, and **15.0210, -2.0682, -14.3102** is the 20% darker color. If you saturate the color by 10%, you get **28.2904, -4.7730, -19.8917**, and if you desaturate by 10%, it is **31.7286, -5.8174, -13.7559**.

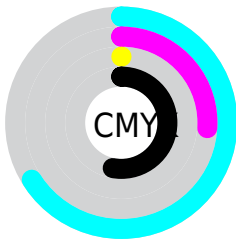
Distribution



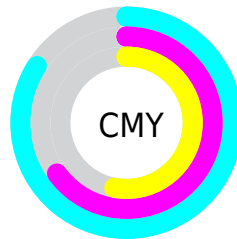
- Red (16%)
- Green (35%)
- Blue (47%)



- Red (16%)
- Yellow (28%)
- Blue (47%)



- Cyan (66%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (84%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9537, -5.4784, -16.8109 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 29.9537, -5.4784, -16.8109 by changing the saturation by 10% instead.

■ 29.9537, -5.4784,
-16.8109

■ 29.9537, -5.4784,
-16.8109

■ 135.3414,
-13.7482, -18.8818

■ 21.7331, -4.6240,
-16.3102

■ 48.8305, -7.2061,
-17.6873

■ 14.4424, -3.7627,
-15.8466

■ 59.3593, -8.0891,
-18.0353

■ 8.1034, -3.5762,
-16.0607

■ 70.5519, -8.9879,
-18.3204

0.0000, NaN, -NF

■ 82.3711, -9.9037,
-18.5442

0.0000, NaN, NaN

■ 94.7853, -10.8373,
-18.7094

0.0000, NaN, NaN

■ 107.7672,

0.0000, NaN, NaN

-11.7892, -18.8189

0.0000, NaN, NaN

121.2929,
-12.7594, -18.8755

■ 29.9537, -5.4784,
-16.8109

■ 29.9537, -5.4784,
-16.8109

■ 28.2904, -4.7730,
-19.8917

■ 31.7286, -5.8174,
-13.7559

■ 26.7428, -3.6835,
-22.9814

■ 33.6067, -5.8168,
-10.7430

■ 25.3051, -2.2399,
-26.0802

■ 35.5810, -5.5068,
-7.7815

■ 24.7172, -1.6087,
-27.4217

■ 37.6444, -4.9183,
-4.8768

■ 39.7898, -4.0810,
-2.0310

■ 42.0110, -3.0221,
0.7561

■ 44.3020, -1.7663,
3.4867

■ 46.6576, -0.3356,
6.1638

■ 49.0730, 1.2508,
8.7914

Harmonies

Analogous

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



29.9542, -11.8893, -11.1247



29.9537, -5.4784, -16.8109



29.9542, 2.6939, -16.7320

Triad

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



29.9542, -5.4783, -16.8103



29.9542, 15.1657, 5.3390



29.9542, -12.0130, 10.3680

Complementary

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



29.9537, -5.4784, -16.8109



29.6453, 11.1248, 14.2656

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.



29.9542, -5.6647, 12.7852



29.9537, -5.4784, -16.8109



29.9542, 10.2983, 10.4595

Square

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



29.9542, -5.4783, -16.8103



29.9542, 15.2295, -2.4096



29.9542, 2.4865, 12.8135



29.9542, -15.3774, 5.1761

Rectangle

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



29.9537, -5.4784, -16.8109



29.9542, 8.0820, -13.3558



29.9542, 2.4865, 12.8135



29.9542, -10.1896, 11.4620

Sweetspot

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



29.9542, -5.4783, -16.8103



51.4303, -5.9684, -4.4426



37.8988, -24.9807, 13.5143



24.7228, -3.0259, -2.5815



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.



29.9542, -5.4783, -16.8103



36.4512, -5.6567, -28.4729



20.3167, 12.3715, -39.1207



20.6417, -1.6950, -0.0726



25.7623, -1.5906, -28.7671



54.7408, -0.9180, -66.4395

Inverse Universe

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



25.1010, 29.6191, -6.3394



30.2668, 46.2837, -7.9655



39.3384, -6.1920, 20.9693



20.1299, 1.0492, 0.3159



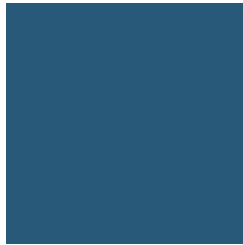
22.0836, 40.1765, -4.0058



48.0544, 87.1070, -6.2535

Previews

White Background



This preview shows how the HunterLab color 29.9537, -5.4784, -16.8109 looks on a white background.

Color Contrast Check

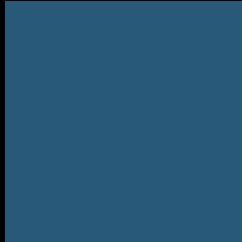
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9537, -5.4784, -16.8109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

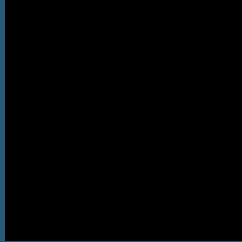
Any Text WCAG AA × Fail

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 29.9537, -5.4784, -16.8109 Background



This preview shows how black text looks on a background with the HunterLab color 29.9537, -5.4784, -16.8109.

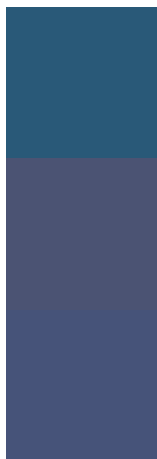


This preview shows how white text looks on a background with the HunterLab color 29.9537, -5.4784, -16.8109.

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

29.9537, -5.4784, -16.8109

Protanopia

29.8667, 2.0568, -13.7589

Deuteranopia

29.7810, 2.2480, -17.6228



Tritanopia

30.0413, -12.4650, -5.5019

Trichromacy



Original Color

29.9537, -5.4784, -16.8109

Protanomaly

29.7290, -0.9339, -15.2617

Deuteranomaly

29.6771, -0.7895, -17.8662

Tritanomaly

30.0930, -10.3072, -9.0429

Monochromacy



Original Color

29.9537, -5.4784, -16.8109

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.1935, -3.9242, -4.4742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9537, -5.4784, -16.8109 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(41, 89, 120)` looks like.

```
.text, #text, p{  
    color:rgb(41, 89, 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(41, 89, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 89, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9537, -5.4784, -16.8109 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(41, 89, 120) }
```


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

```
.border{ border-color:rgb(41, 89, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 89, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 89, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 89, 120);  
box-shadow:4px 4px 4px 4px rgb(41, 89,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9537, -5.4784, -16.8109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 89, 120) }
```

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

```
.background{ background-color: rgb(41, 89,  
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](#).

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