

Converting Colors

HunterLab(29.9834, -4.5753,
-11.9169)

Have a look what the booklet for
HunterLab(29.9834, -4.5753,
-11.9169) contains.

HunterLab(29.9834, -4.5753, -11.9169)	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(29.9834, -4.5753,
-11.9169)**

Conversions

Conversions Part 1

Format	Color
Hex	385870
RGB	56, 88, 112
RGB Percent	22%, 35%, 44%
CMY	0.7804, 0.6549, 0.5608
CMYK	0.50, 0.21, 0.00, 0.56
HSL	206°, 33%, 33%
HSV	206°, 50%, 44%
XYZ	8.0452, 8.9900, 16.6404
YIQ	81.1680, -26.7760, 0.6800

Conversions

Conversions Part 2

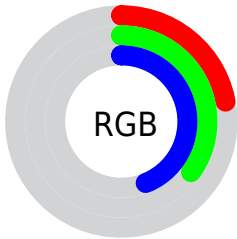
Format	Color
RYB	56, 76, 112
Decimal	3692656
CIELab	35.97, -4.45, -17.33
CIELCh	36, 17.897, 255.593
Yxy	8.9904, 0.2389, 0.2670
Android (android.graphics.Color)	4281882736 (0xFF385870)
YUV	81.1680, 15.2002, -22.0723
Hunter-Lab	29.9834, -4.5753, -11.9169

Details

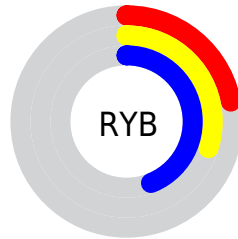
The HunterLab color **29.9834, -4.5753, -11.9169** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **30.7699, 5.7000, 11.8503**, and the grayscale version is **28.7001, -1.5314, 1.5593**.

A 20% lighter version of the original color is **48.9096, -6.2745, -12.5481**, and **14.5065, -3.2153, -10.9421** is the 20% darker color. If you saturate the color by 10%, you get **28.1792, -4.2954, -14.9649**, and if you desaturate by 10%, it is **31.8814, -4.5612, -8.9429**.

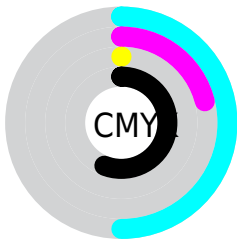
Distribution



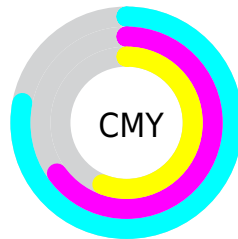
- Red (22%)
- Green (35%)
- Blue (44%)



- Red (22%)
- Yellow (30%)
- Blue (44%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (56%)



- Cyan (78%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9834, -4.5753, -11.9169 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 29.9834, -4.5753, -11.9169 by changing the saturation by 10% instead.

■ 29.9834, -4.5753,
-11.9169

■ 29.9834, -4.5753,
-11.9169

■ 135.3906,
-12.2094, -12.5457

■ 21.7598, -3.8220,
-11.5234

■ 48.8655, -6.1292,
-12.4942

■ 14.4657, -3.0760,
-11.0859

■ 59.3966, -6.9348,
-12.6780

■ 8.1268, -2.8216,
-11.0180

■ 70.5915, -7.7612,
-12.7966

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.4128, -8.6086,
-12.8540

0.0000, NaN, NaN

■ 94.8289, -9.4772,
-12.8542

0.0000, NaN, NaN

■ 107.8127,

0.0000, NaN, NaN

-10.3670, -12.8008

0.0000, NaN, NaN

121.3403,
-11.2778, -12.6970

■ 29.9834, -4.5753,
-11.9169

■ 29.9834, -4.5753,
-11.9169

■ 28.1792, -4.2954,
-14.9649

■ 31.8814, -4.5612,
-8.9429

■ 26.4749, -3.6912,
-18.0807

■ 33.8638, -4.2834,
-6.0475

■ 24.8788, -2.7369,
-21.2500

■ 35.9242, -3.7711,
-3.2296

■ 23.3971, -1.4162,
-24.4534

■ 38.0561, -3.0512,
-0.4861

■ 21.9928, 0.1313,
-27.7721

■ 40.2535, -2.1476,
2.1876

■ 21.9925, 0.1316,
-27.7728

■ 42.5114, -1.0814,
4.7967

■ 44.8250, 0.1291,
7.3470

■ 47.1902, 1.4679,
9.8441

■ 49.6034, 2.9212,
12.2936

Harmonies

Analogous

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



29.9840, -9.6658, -7.8931



29.9834, -4.5753, -11.9169



29.9840, 1.7471, -11.8279

Triad

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



29.9840, -4.5754, -11.9163



29.9840, 11.0704, 4.5857



29.9840, -9.8247, 8.6672

Complementary

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



29.9834, -4.5753, -11.9169



30.7699, 5.7000, 11.8503

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.



29.9840, -4.8093, 10.7929



29.9834, -4.5753, -11.9169



29.9840, 7.4169, 8.7924

Square

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



29.9840, -4.5754, -11.9163



29.9840, 11.1462, -1.3997



29.9840, 1.4931, 10.8334



29.9840, -12.5213, 4.3771

Rectangle

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



29.9834, -4.5753, -11.9169



29.9840, 5.8307, -9.4153



29.9840, 1.4931, 10.8334



29.9840, -8.3736, 9.6153

Sweetspot

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



29.9840, -4.5754, -11.9163



48.9046, -4.5911, -2.5941



36.0537, -19.2842, 9.6086



23.7453, -2.3242, -1.5633



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



29.9840, -4.5754, -11.9163



36.9846, -5.5966, -20.4793



23.0498, 7.7289, -25.0925



18.9400, -1.4693, -0.1072



23.5493, 0.3089, -30.1013



50.8804, 3.6401, -71.4541

Inverse Universe

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



26.4159, 20.3855, -4.0888



31.8967, 33.5204, -6.1169



37.8358, -6.3510, 17.3397



18.5215, 0.9028, 0.3761



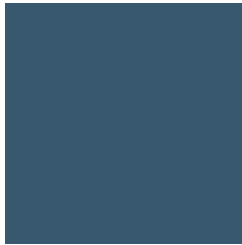
20.9897, 37.9622, -2.0701



46.6596, 84.0493, -1.9681

Previews

White Background



This preview shows how the HunterLab color 29.9834, -4.5753, -11.9169 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 29.9834, -4.5753, -11.9169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

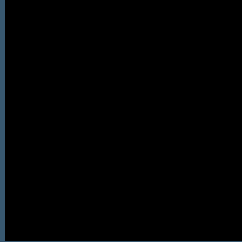
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

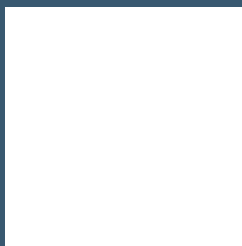
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.9834, -4.5753, -11.9169 Background



This preview shows how black text looks on a background with the HunterLab color 29.9834, -4.5753, -11.9169.



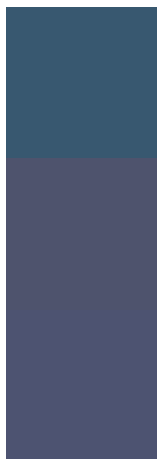
This preview shows how white text looks on a background with the HunterLab color 29.9834, -4.5753, -11.9169.

-11.9169.

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

29.9834, -4.5753, -11.9169

Protanopia

29.8502, 1.5537, -10.3163

Deuteranopia

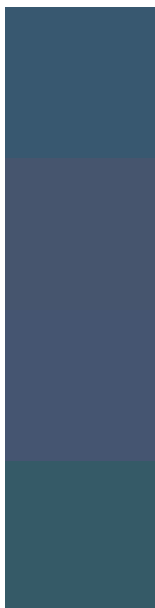
29.9275, 2.1086, -12.4725



Tritanopia

30.1128, -9.3604, -4.3600

Trichromacy



Original Color

29.9834, -4.5753, -11.9169

Protanomaly

29.8745, -0.9627, -10.8853

Deuteranomaly

29.9240, -0.5697, -12.5252

Tritanomaly

30.0807, -7.7055, -6.8915

Monochromacy



Original Color

29.9834, -4.5753, -11.9169

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.1394, -3.3692, -2.7052

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9834, -4.5753, -11.9169 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(56, 88, 112)` looks like.

```
.text, #text, p{  
    color:rgb(56, 88, 112)  
}
```

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(56, 88, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 88, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9834, -4.5753, -11.9169 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(56, 88, 112) }
```


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

```
.border{ border-color:rgb(56, 88, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 88, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 88, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 88, 112);  
box-shadow:4px 4px 4px 4px rgb(56, 88,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9834, -4.5753, -11.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 88, 112) }
```

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

```
.background{ background-color: rgb(56, 88,  
112) }
```

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