

Converting Colors

HunterLab(28.7289, -9.6779,
11.0670)

Have a look what the booklet for
HunterLab(28.7289, -9.6779,
11.0670) contains.

HunterLab(28.6953, -9.6348, 11.0420)	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(28.6953, -9.6348,
11.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	475633
RGB	71, 86, 51
RGB Percent	28%, 34%, 20%
CMY	0.7216, 0.6627, 0.8000
CMYK	0.17, 0.00, 0.41, 0.66
HSL	86°, 26%, 27%
HSV	86°, 41%, 34%
XYZ	6.5239, 8.2342, 4.3775
YIQ	77.5250, 2.2950, -14.0650

Conversions

Conversions Part 2

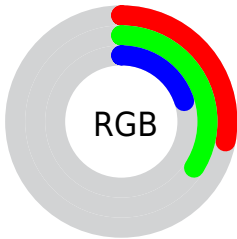
Format	Color
R_{YB}	51, 86, 66
Decimal	4675123
CIE _{Lab}	34.47, -12.81, 18.50
CIE _{LCh}	34, 22.497, 124.700
Yxy	8.2346, 0.3409, 0.4303
Android (android.graphics.Color)	4282865203 (0xFF475633)
YUV	77.5250, -13.0768, -5.7224
Hunter-Lab	28.6953, -9.6348, 11.0420

Details

The HunterLab color **28.6953, -9.6348, 11.0420** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20.4891, 8.6679, -12.7011**, and the grayscale version is **27.4763, -1.4661, 1.4928**.

A 20% lighter version of the original color is **47.4165, -12.3773, 14.5523**, and **13.5353, -6.8353, 7.4660** is the 20% darker color. If you saturate the color by 10%, you get **28.3380, -11.2344, 12.6029**, and if you desaturate by 10%, it is **29.0882, -7.8858, 9.1846**.

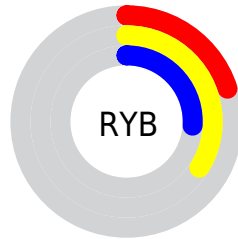
Distribution



Red (28%)

Green (34%)

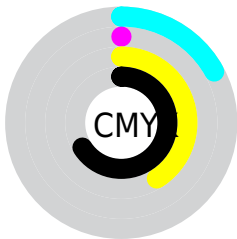
Blue (20%)



Red (20%)

Yellow (34%)

Blue (26%)

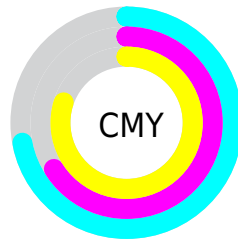


Cyan (17%)

Magenta (0%)

Yellow (41%)

Black (66%)



Cyan (72%)

Magenta (66%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6953, -9.6348, 11.0420 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 28.6953, -9.6348, 11.0420 by changing the saturation by 10% instead.

■ 28.6953, -9.6348,
11.0420

■ 28.6953, -9.6348,
11.0420

■ 133.2518,
-21.1621, 25.4953

■ 20.6044, -8.2492,
9.1436

■ 47.3466, -12.2676,
14.5194

■ 13.4602, -6.7699,
7.4368

■ 57.7746, -13.5481,
16.1616

■ 7.0320, -8.3118,
4.9224

■ 68.8725, -14.8178,
17.7644

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6021, -16.0827,
19.3391

0.0000, NaN, NaN

■ 92.9309, -17.3468,
20.8941

0.0000, NaN, NaN

■ 105.8311,

0.0000, NaN, NaN

-18.6134, 22.4356

0.0000, NaN, NaN

119.2786,
-19.8846, 23.9681

■ 28.6953, -9.6348,
11.0420

■ 28.6953, -9.6348,
11.0420

■ 28.3380, -11.2344,
12.6029

■ 29.0882, -7.8858,
9.1846

■ 28.0140, -12.6792,
13.8690

■ 29.5148, -5.9898,
7.0312

■ 27.7233, -13.9690,
14.8472

■ 29.9757, -3.9536,
4.5868

■ 27.4651, -15.1050,
15.5497

■ 30.4706, -1.7840,
1.8583

■ 27.2374, -16.0941,
16.0017

■ 30.9990, 0.5114,
-1.1448

■ 27.0415, -16.9489,
16.3661

■ 31.5603, 2.9246,
-4.4118

■ 32.1539, 5.4473,
-7.9305

■ 32.7789, 8.0712,
-11.6880

■ 33.4345, 10.7881,
-15.6709

Harmonies

Analogous

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



28.6959, -2.7600, 12.5096



28.6953, -9.6348, 11.0420



28.6959, -13.9520, 7.0492

Triad

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



28.6959, -9.6355, 11.0423



28.6959, -7.7068, -14.7023



28.6959, 15.1268, 2.7147

Complementary

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



28.6953, -9.6348, 11.0420



20.4891, 8.6679, -12.7011

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.



28.6959, 13.4404, -5.2822



28.6953, -9.6348, 11.0420



28.6959, -0.2844, -16.7661

Square

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



28.6959, -9.6355, 11.0423



28.6959, -12.9253, -7.8813



28.6959, 7.5827, -12.9406



28.6959, 11.9718, 8.5972

Rectangle

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



28.6953, -9.6348, 11.0420



28.6959, -15.0776, 2.8578



28.6959, 7.5827, -12.9406



28.6959, 15.1100, 0.2028

Sweetspot

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



28.6959, -9.6355, 11.0423



39.5207, -5.6992, 6.6426



24.6286, 2.9922, 7.6883



19.5017, -2.8992, 3.3835



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.6959, -9.6355, 11.0423



37.4647, -14.8439, 16.6537



27.7073, -13.4258, 10.1358



15.4321, -1.8216, 2.0977



33.9626, -21.5684, 20.5500



80.1624, -52.4775, 48.4770

Inverse Universe

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



20.4891, 8.6679, -12.7011



24.2125, 15.0204, -22.4977



22.0965, 13.3427, -9.7754



14.4839, 0.2613, -0.5646



12.8151, 30.2459, -56.0568



29.5229, 70.7970, -137.8057

Previews

White Background



This preview shows how the HunterLab color 28.6953, -9.6348, 11.0420 looks on a white background.

Color Contrast Check

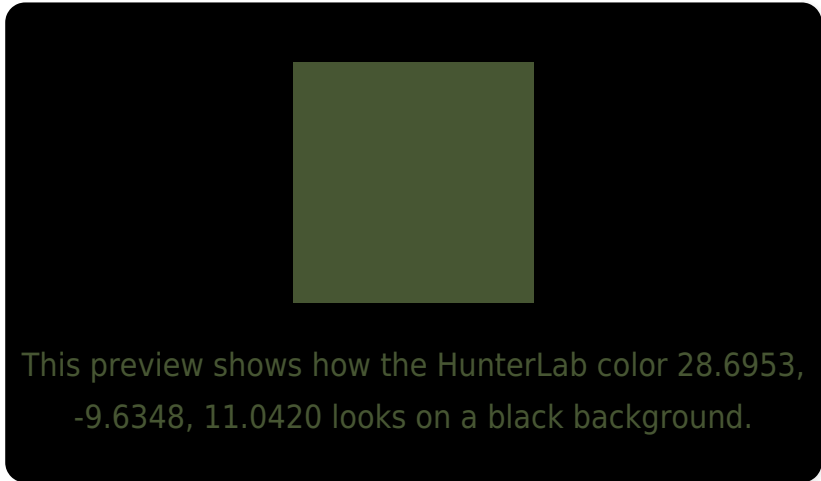
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

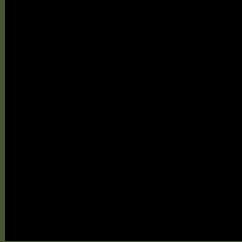
Any Text WCAG AA × Fail

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 28.6953, -9.6348, 11.0420 Background



This preview shows how black text looks on a background with the HunterLab color 28.6953, -9.6348, 11.0420.



This preview shows how white text looks on a background with the HunterLab color 28.6953, -9.6348,

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

28.6953, -9.6348, 11.0420

Protanopia

28.6030, -3.1177, 11.5473

Deuteranopia

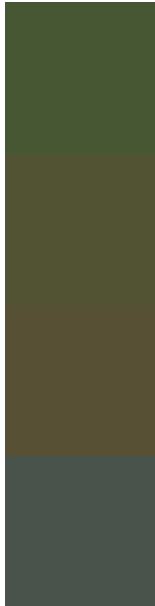
28.4714, 1.7492, 10.5605



Tritanopia

28.7675, -2.1976, -1.3404

Trichromacy



Original Color

28.6953, -9.6348, 11.0420

Protanomaly

28.6542, -5.6127, 11.3144

Deuteranomaly

28.3901, -2.4453, 10.6662

Tritanomaly

28.5488, -5.0223, 3.6793

Monochromacy



Original Color

28.6953, -9.6348, 11.0420

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.9250, -4.8433, 5.5111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6953, -9.6348, 11.0420 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, 86, 51)` looks like.

```
.text, #text, p{  
    color:rgb(71, 86, 51)  
}
```

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, 86, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 86, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6953, -9.6348, 11.0420 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, 86, 51) }
```


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

```
.border{ border-color:rgb(71, 86, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 86, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 86, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 86, 51);  
box-shadow:4px 4px 4px 4px rgb(71, 86, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6953, -9.6348, 11.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 86, 51) }
```

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

```
.background{ background-color: rgb(71, 86,  
51) }
```

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