

Converting Colors

HunterLab(30.2250, -17.9512,
7.2659)

Have a look what the booklet for
HunterLab(30.2250, -17.9512,
7.2659) contains.

HunterLab(30.2250, -17.9512, 7.2659)	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(30.2250,
-17.9512, 7.2659)**

Conversions

Conversions Part 1	
Format	Color
Hex	226045
RGB	34, 96, 69
RGB Percent	13%, 38%, 27%
CMY	0.8667, 0.6235, 0.7294
CMYK	0.65, 0.00, 0.28, 0.62
HSL	154°, 48%, 25%
HSV	154°, 65%, 38%
XYZ	5.9167, 9.1355, 7.0817
YIQ	74.3840, -28.2850, -21.5410

Conversions

Conversions Part 2

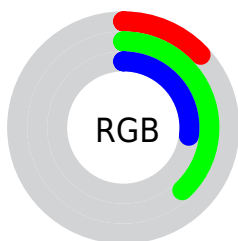
Format	Color
RYB	34, 74, 96
Decimal	2252869
CIELab	36.24, -27.03, 9.65
CIELCh	36, 28.698, 160.361
Yxy	9.1359, 0.2673, 0.4127
Android (android.graphics.Color)	4280442949 (0xFF226045)
YUV	74.3840, -2.6543, -35.4168
Hunter-Lab	30.2250, -17.9512, 7.2659

Details

The HunterLab color **30.2250, -17.9512, 7.2659** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **19.9198, 21.0431, -0.4988**, and the grayscale version is **26.3224, -1.4045, 1.4301**.

A 20% lighter version of the original color is **49.1225, -22.4375, 9.5632**, and **15.0705, -11.1562, 5.2463** is the 20% darker color. If you saturate the color by 10%, you get **29.9079, -19.4039, 8.2294**, and if you desaturate by 10%, it is **30.6206, -16.2001, 6.3184**.

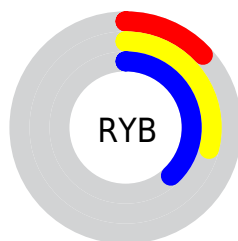
Distribution



Red (13%)

Green (38%)

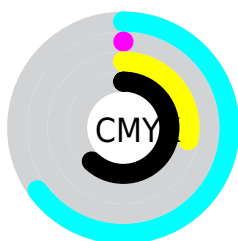
Blue (27%)



Red (13%)

Yellow (29%)

Blue (38%)

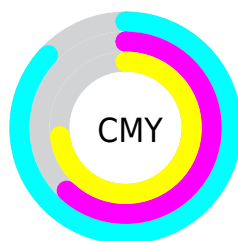


Cyan (65%)

Magenta (0%)

Yellow (28%)

Black (62%)



Cyan (87%)


Magenta (62%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 30.2250, -17.9512, 7.2659 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 30.2250, -17.9512, 7.2659 by changing the saturation by 10% instead.


 30.2250, -17.9512,
7.2659


 30.2250, -17.9512,
7.2659


135.7896,
-36.3969, 17.3327


 21.9771, -15.4349,
6.1192

 49.1497, -22.5082,
9.4902

 14.6554, -12.6507,
4.9171


 59.7000, -24.6344,
10.5913

 8.3145, -14.5504,
5.2612


 70.9128, -26.6928,
11.6940

0.0000, NaN, NaN

0.0000, NaN, NaN

 82.7511, -28.6990,
12.8021

0.0000, NaN, NaN

 95.1834, -30.6647,
13.9184

0.0000, NaN, NaN

0.0000, NaN, NaN

 108.1826,

-32.5987, 15.0447

0.0000, NaN, NaN

121.7250,
-34.5077, 16.1825

■ 30.2250, -17.9512,
7.2659

■ 30.2250, -17.9512,
7.2659

■ 29.9079, -19.4039,
8.2294

■ 30.6206, -16.2001,
6.3184

■ 29.6631, -20.5624,
9.1955

■ 31.0957, -14.1530,
5.3976

■ 29.4783, -21.4726,
10.1446

■ 31.6522, -11.8212,
4.5142

■ 29.3841, -21.9389,
10.6321

■ 32.2905, -9.2210,
3.6770

■ 33.0100, -6.3731,
2.8934

■ 33.8093, -3.3009,
2.1691

■ 34.6863, -0.0290,
1.5082

■ 35.6385, 3.4178,
0.9132

■ 36.6630, 7.0155,
0.3851

Harmonies

Analogous

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



30.2256, -13.2917, 12.6854



30.2250, -17.9512, 7.2659



30.2256, -18.5833, -1.9047

Triad

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



30.2256, -17.9515, 7.2662



30.2256, 1.9929, -23.0507



30.2256, 14.8220, 11.4024

Complementary

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



30.2250, -17.9512, 7.2659



19.9198, 21.0431, -0.4988

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.



30.2256, 20.1898, 4.8108



30.2250, -17.9512, 7.2659



30.2256, 12.1585, -16.2946

Square

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



30.2256, -17.9515, 7.2662



30.2256, -7.9254, -21.7174



30.2256, 19.1552, -5.3180



30.2256, 5.2611, 14.4668

Rectangle

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



30.2250, -17.9512, 7.2659



30.2256, -16.7389, -9.3806



30.2256, 19.1552, -5.3180



30.2256, 17.2305, 9.6352

Sweetspot

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



30.2256, -17.9515, 7.2662



43.1998, -10.3570, 4.3381



30.8262, -16.5839, 15.7936



21.4310, -5.5387, 2.2673



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.2256, -17.9515, 7.2662



39.4174, -26.4587, 11.5009



29.9936, -12.7528, -3.6177



16.9635, -2.3576, 1.2541



34.6341, -25.9605, 12.7517



79.9386, -60.6960, 31.1090

Inverse Universe

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



19.9198, 21.0431, -0.4988



23.8170, 33.3335, 0.5705



19.8290, 17.3089, 7.9961



16.1446, 0.6465, 0.5749



19.1794, 33.9954, 3.4776



44.1364, 77.8673, 10.8270

Previews

White Background



This preview shows how the HunterLab color 30.2250, -17.9512, 7.2659 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 30.2250, -17.9512, 7.2659 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 30.2250, -17.9512, 7.2659 Background



This preview shows how black text looks on a background with the HunterLab color 30.2250, -17.9512, 7.2659.



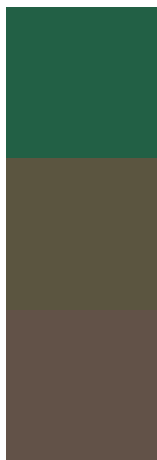
This preview shows how white text looks on a background with the HunterLab color 30.2250,

-17.9512, 7.2659.

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

30.2250, -17.9512, 7.2659

Protanopia

30.1518, -2.5146, 8.9975

Deuteranopia




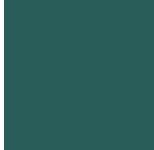
30.1648, 1.7946, 6.5683




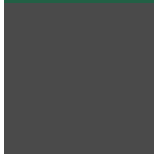
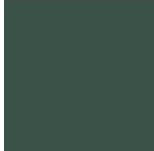
Tritanopia

30.2197, -10.2992, -5.2137

Trichromacy

	Original Color 30.2250, -17.9512, 7.2659
	Protanomaly 29.7325, -9.5176, 7.8762
	Deuteranomaly 29.6094, -6.9213, 6.1872
	Tritanomaly 30.0356, -13.1489, -0.3789

Monochromacy

	Original Color 30.2250, -17.9512, 7.2659
	Achromatopsia 26.1683, -1.3963, 1.4218
	Achromatomaly 27.2622, -8.4851, 3.3168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2250, -17.9512, 7.2659 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(34, 96, 69)` looks like.

```
.text, #text, p{  
    color:rgb(34, 96, 69)  
}
```

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(34, 96, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 96, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2250, -17.9512, 7.2659 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(34, 96, 69) }
```


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

```
.border{ border-color:rgb(34, 96, 69) }
```

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

Here you see how a box with a 4 pixel rgb(34, 96, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 96, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 96, 69);  
box-shadow:4px 4px 4px 4px rgb(34, 96, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2250, -17.9512, 7.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 96, 69) }
```

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

```
.background{ background-color: rgb(34, 96,  
69) }
```

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