

Converting Colors

HunterLab(28.1521, -12.0699,
5.3801)

Have a look what the booklet for
HunterLab(28.1521, -12.0699,
5.3801) contains.

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Color

**HunterLab(28.2420,
-12.1426, 5.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	345745
RGB	52, 87, 69
RGB Percent	20%, 34%, 27%
CMY	0.7961, 0.6588, 0.7294
CMYK	0.40, 0.00, 0.21, 0.66
HSL	149°, 25%, 27%
HSV	149°, 40%, 34%
XYZ	5.8985, 7.9761, 6.8589
YIQ	74.4830, -15.0820, -13.0180

Conversions

Conversions Part 2

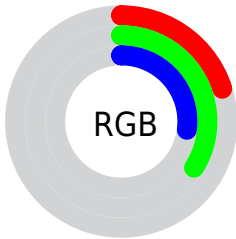
Format	Color
RYB	52, 76, 87
Decimal	3430213
CIELab	33.93, -17.27, 6.51
CIElCh	34, 18.459, 159.337
Yxy	7.9764, 0.2845, 0.3847
Android (android.graphics.Color)	4281620293 (0xFF345745)
YUV	74.4830, -2.7031, -19.7176
Hunter-Lab	28.2420, -12.1426, 5.3702

Details

The HunterLab color **28.2420, -12.1426, 5.3702** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22.1914, 11.5522, -1.6054**, and the grayscale version is **26.3544, -1.4062, 1.4319**.

A 20% lighter version of the original color is **46.7814, -15.4296, 7.2268**, and **13.0352, -8.3718, 3.4406** is the 20% darker color. If you saturate the color by 10%, you get **27.7722, -14.1659, 6.3416**, and if you desaturate by 10%, it is **28.7866, -9.8675, 4.4120**.

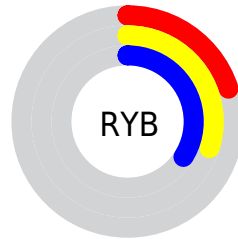
Distribution



 Red (20%)

 Green (34%)

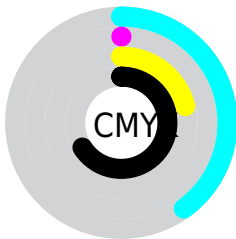
 Blue (27%)



 Red (20%)

 Yellow (30%)

 Blue (34%)

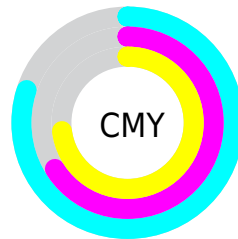


 Cyan (40%)

 Magenta (0%)

 Yellow (21%)

 Black (66%)



 Cyan (80%)

 Magenta (66%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.2420, -12.1426, 5.3702 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 28.2420, -12.1426, 5.3702 by changing the saturation by 10% instead.

■ 28.2420, -12.1426,
5.3702

■ 28.2420, -12.1426,
5.3702

■ 132.4942,
-25.8397, 13.9545

■ 20.1987, -10.3943,
4.4613

■ 46.8105, -15.3845,
7.1858

■ 13.1086, -8.4893,
3.5303

■ 57.2016, -16.9308,
8.1061

■ 6.5992, -11.5486,
4.4507

■ 68.2648, -18.4476,
9.0397

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.9616, -19.9443,
9.9885

0.0000, NaN, NaN

■ 92.2592, -21.4274,
10.9538

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.1296,

-22.9020, 11.9363

0.0000, NaN, NaN

118.5485,
-24.3718, 12.9364

■ 28.2420, -12.1426,
5.3702

■ 28.2420, -12.1426,
5.3702

■ 27.7722, -14.1659,
6.3416

■ 28.7866, -9.8675,
4.4120

■ 27.3749, -15.9228,
7.3150

■ 29.4040, -7.3572,
3.4752

■ 27.0488, -17.4061,
8.2800

■ 30.0937, -4.6327,
2.5680

■ 26.7911, -18.6153,
9.2251

■ 30.8542, -1.7165,
1.6970

■ 26.5966, -19.5618,
10.1384

■ 31.6833, 1.3686,
0.8671

■ 26.4304, -20.3812,
10.9615

■ 32.5784, 4.6002,
0.0823

■ 33.5369, 7.9569,
-0.6552

■ 34.5558, 11.4192,
-1.3438

■ 35.6320, 14.9694,
-1.9833

Harmonies

Analogous

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



28.2426, -8.9061, 9.1869



28.2420, -12.1426, 5.3702



28.2426, -12.6732, -0.4324

Triad

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



28.2426, -12.1430, 5.3705



28.2426, 0.5197, -12.6562



28.2426, 8.6733, 8.0067

Complementary

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



28.2420, -12.1426, 5.3702



22.1914, 11.5522, -1.6054

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.



28.2426, 11.7153, 3.3746



28.2420, -12.1426, 5.3702



28.2426, 6.7389, -9.1207

Square

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



28.2426, -12.1430, 5.3705



28.2426, -5.7285, -11.7848



28.2426, 10.9775, -2.9221



28.2426, 2.9749, 10.4564

Rectangle

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



28.2420, -12.1426, 5.3702



28.2426, -11.4724, -4.8334



28.2426, 10.9775, -2.9221



28.2426, 10.0626, 6.7008

Sweetspot

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



28.2426, -12.1430, 5.3705



39.1100, -6.8413, 3.6064



28.9307, -10.1536, 10.9910



19.2897, -3.4901, 1.8173



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.



28.2426, -12.1430, 5.3705



36.3186, -18.3350, 8.1969



28.6800, -9.6031, -0.8796



15.3163, -2.1399, 1.2368



32.8395, -25.4628, 13.9203



77.7184, -61.0686, 34.6883

Inverse Universe

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



22.1914, 11.5522, -1.6054



26.8167, 19.0975, -2.6263



21.7614, 9.4248, 4.5337



14.6117, 0.5909, 0.4106



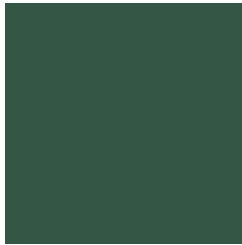
18.4624, 33.1157, 0.3160



43.5502, 77.7313, 3.7202

Previews

White Background



This preview shows how the HunterLab color 28.2420, -12.1426, 5.3702 looks on a white background.

Color Contrast Check

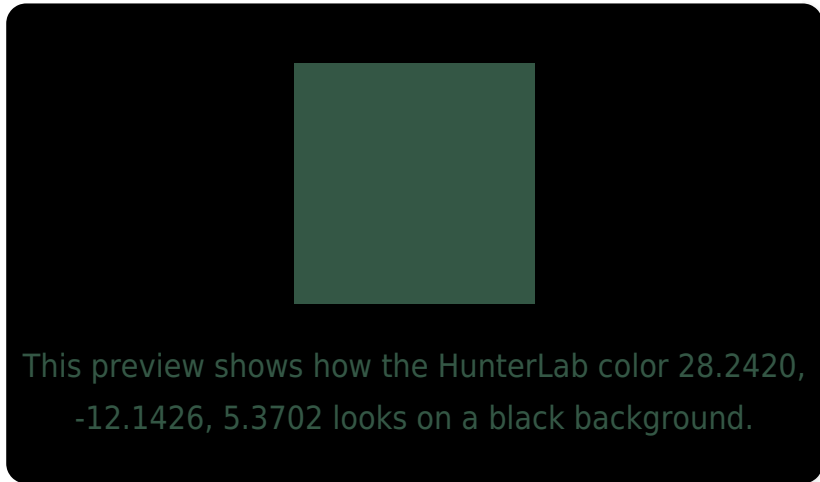
Large Text (above 18pt) WCAG AA ✓ Pass

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

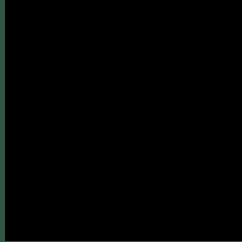
Any Text WCAG AA × Fail

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 28.2420, -12.1426, 5.3702 Background



This preview shows how black text looks on a background with the HunterLab color 28.2420, -12.1426, 5.3702.



This preview shows how white text looks on a background with the HunterLab color 28.2420, -12.1426, 5.3702.

-12.1426, 5.3702.

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

28.2420, -12.1426, 5.3702

Protanopia

28.0329, -1.8980, 6.6633

Deuteranopia

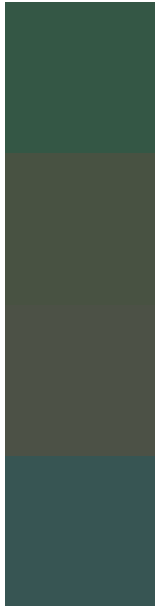
28.1715, 1.4378, 4.8383



Tritanopia

28.2238, -6.7270, -3.5182

Trichromacy



Original Color

28.2420, -12.1426, 5.3702

Protanomaly

27.9386, -6.2577, 6.1680

Deuteranomaly

28.0420, -4.3346, 4.9523

Tritanomaly

28.1669, -8.8266, -0.0243

Monochromacy



Original Color

28.2420, -12.1426, 5.3702

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

26.8665, -5.7411, 2.9246

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.2420, -12.1426, 5.3702 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(52, 87, 69)` looks like.

```
.text, #text, p{  
    color:rgb(52, 87, 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(52, 87, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 87, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 28.2420, -12.1426, 5.3702 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(52, 87, 69) }
```


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

```
.border{ border-color:rgb(52, 87, 69) }
```

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

Here you see how a box with a 4 pixel rgb(52, 87, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 87, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 87, 69);  
box-shadow:4px 4px 4px 4px rgb(52, 87, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.2420, -12.1426, 5.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 87, 69) }
```

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

```
.background{ background-color: rgb(52, 87,  
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](#).

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