

Converting Colors

HunterLab(30.3385, -22.0511,
18.3084)

Have a look what the booklet for
HunterLab(30.3385, -22.0511,
18.3084) contains.

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Color

**HunterLab(30.3427,
-22.0259, 18.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	296200
RGB	41, 98, 0
RGB Percent	16%, 38%, 0%
CMY	0.8392, 0.6157, 1.0000
CMYK	0.58, 0.00, 1.00, 0.62
HSL	95°, 100%, 19%
HSV	95°, 100%, 38%
XYZ	5.2821, 9.2068, 1.4987
YIQ	69.7850, -2.5140, -42.5620

Conversions

Conversions Part 2

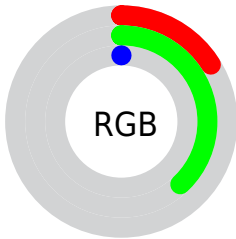
Format	Color
RYB	0, 98, 57
Decimal	2712064
CIELab	36.38, -34.97, 42.38
CIELCh	36, 54.941, 129.527
Yxy	9.2072, 0.3304, 0.5759
Android (android.graphics.Color)	4280902144 (0xFF296200)
YUV	69.7850, -34.4040, -25.2444
Hunter-Lab	30.3427, -22.0259, 18.3114

Details

The HunterLab color **30.3427, -22.0259, 18.3114** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13.2366, 29.3281, -43.0916**, and the grayscale version is **24.7910, -1.3228, 1.3469**.

A 20% lighter version of the original color is **49.1529, -27.6323, 25.2911**, and **15.1037, -12.9514, 9.0801** is the 20% darker color. If you saturate the color by 10%, you get **30.3432, -22.0270, 18.3117**, and if you desaturate by 10%, it is **30.5851, -20.9573, 17.9337**.

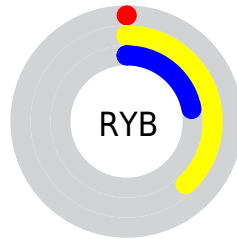
Distribution



Red (16%)

Green (38%)

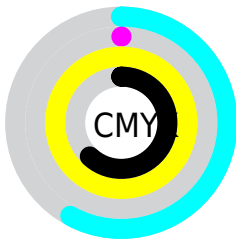
Blue (0%)



Red (0%)

Yellow (38%)

Blue (22%)

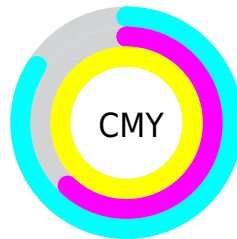


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (84%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3427, -22.0259, 18.3114 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 30.3427, -22.0259, 18.3114 by changing the saturation by 10% instead.

■ 30.3427, -22.0259,
18.3114

■ 30.3427, -22.0259,
18.3114

■ 135.9838,
-44.4940, 45.4689

■ 22.0830, -18.8388,
14.8751

■ 49.2881, -27.7159,
25.3365

■ 14.7480, -15.2757,
10.3236

■ 59.8477, -30.3361,
28.5480

■ 8.4043, -14.7076,
5.8830

■ 71.0692, -32.8531,
31.6101

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.9157, -35.2890,
34.5507

0.0000, NaN, NaN

■ 95.3559, -37.6600,
37.3915


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 108.3627,


-39.9785, 40.1496


0.0000, NaN, NaN


 121.9123,
-42.2540, 42.8384


 30.3427, -22.0259,
18.3114


 30.3427, -22.0259,
18.3114


 30.3432, -22.0270,
18.3117

 30.5851, -20.9573,
17.9337

 30.8636, -19.7291,
17.4363

 31.1915, -18.2713,
16.6403

 31.5705, -16.5805,
15.5248

 32.0019, -14.6583,
14.0781

■ 32.4863, -12.5101,
12.2952

■ 33.0237, -10.1446,
10.1776

■ 33.6138, -7.5729,
7.7314

■ 34.2561, -4.8077,
4.9668

Harmonies

Analogous

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



30.3433, -7.5939, 20.0736



30.3427, -22.0259, 18.3114



30.3433, -29.4125, 11.6840

Triad

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



30.3433, -22.0264, 18.3115



30.3433, -13.6785, -54.5564



30.3433, 45.0496, 6.9932

Complementary

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



30.3427, -22.0259, 18.3114



13.2366, 29.3281, -43.0916

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.



30.3433, 42.2244, -13.7021



30.3427, -22.0259, 18.3114



30.3433, 4.8537, -58.9903

Square

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



30.3433, -22.0264, 18.3115



30.3433, -25.5082, -31.0487



30.3433, 26.1940, -40.8874



30.3433, 33.1487, 16.7323

Rectangle

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



30.3427, -22.0259, 18.3114



30.3433, -30.7986, 1.9452



30.3433, 26.1940, -40.8874



30.3433, 45.8468, 1.3552

Sweetspot

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



30.3433, -22.0264, 18.3115



43.6488, -13.7225, 13.7431



23.1958, 8.8814, 14.4482



21.1795, -7.1337, 7.1042



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.



30.3433, -22.0264, 18.3115



40.0927, -29.4690, 24.1890



29.5806, -25.1921, 17.4101



17.0356, -2.2249, 2.2999



34.9791, -25.5654, 21.1064



80.5411, -60.3688, 48.5722

Inverse Universe

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



13.2366, 29.3281, -43.0916



17.3428, 38.6105, -57.8664



18.3313, 35.5559, -20.4383



16.0622, 0.5046, -0.5963



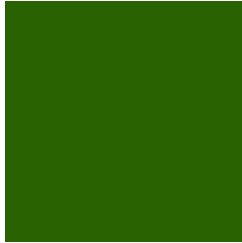
15.1893, 33.7431, -50.1140



34.3500, 77.0882, -119.3737

Previews

White Background



This preview shows how the HunterLab color 30.3427, -22.0259, 18.3114 looks on a white background.

Color Contrast Check

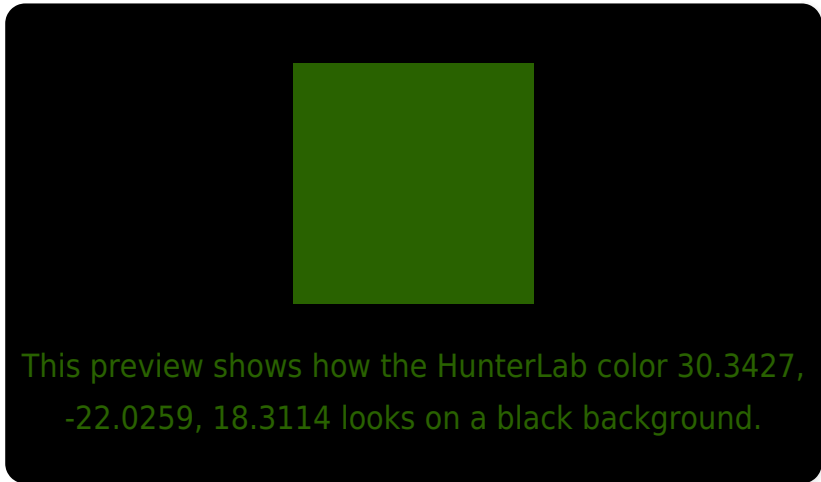
Large Text (above 18pt) WCAG AA ✓ Pass

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

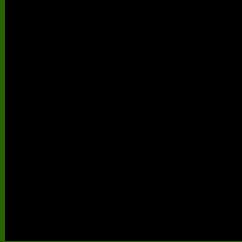
Any Text WCAG AA × Fail

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 30.3427, -22.0259, 18.3114 Background



This preview shows how black text looks on a background with the HunterLab color 30.3427, -22.0259, 18.3114.



This preview shows how white text looks on a background with the HunterLab color 30.3427, -22.0259, 18.3114.

-22.0259, 18.3114.

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

30.3427, -22.0259, 18.3114

Protanopia

30.2364, -4.7904, 18.5476

Deuteranopia

30.1018, 1.4742, 17.2708



Tritanopia

30.3394, -8.5175, -4.0358

Trichromacy



Original Color

30.3427, -22.0259, 18.3114

Protanomaly

29.7470, -12.2332, 18.1158

Deuteranomaly

29.4694, -8.8800, 17.2374

Tritanomaly

30.0949, -15.6702, 9.2914

Monochromacy



Original Color

30.3427, -22.0259, 18.3114

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

26.1851, -10.7447, 10.3257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3427, -22.0259, 18.3114 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, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 98, 0)  
}
```

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, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 98, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3427, -22.0259, 18.3114 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, 98, 0) }
```


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

```
.border{ border-color:rgb(41, 98, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 98, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 98, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 98, 0); box-shadow:4px  
4px 4px 4px rgb(41, 98, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.3427, -22.0259, 18.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 98, 0) }
```

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

```
.background{ background-color: rgb(41, 98,  
0) }
```

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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