

Converting Colors

HunterLab(35.7409, -30.1445,
20.4222)

Have a look what the booklet for
HunterLab(35.7409, -30.1445,
20.4222) contains.

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Color

**HunterLab(35.7395,
-30.1421, 20.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	007514
RGB	0, 117, 20
RGB Percent	0%, 46%, 8%
CMY	1.0000, 0.5412, 0.9216
CMYK	1.00, 0.00, 0.83, 0.54
HSL	130°, 100%, 23%
HSV	130°, 100%, 46%
XYZ	6.4876, 12.7731, 2.7853
YIQ	70.9590, -38.5950, -54.9710

Conversions

Conversions Part 2

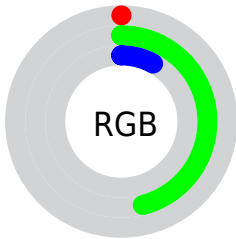
Format	Color
RYB	0, 100, 117
Decimal	29972
CIELab	42.42, -47.47, 41.79
CIELCh	42, 63.245, 138.639
Yxy	12.7736, 0.2943, 0.5794
Android (android.graphics.Color)	4278220052 (0xFF007514)
YUV	70.9590, -25.1228, -62.2310
Hunter-Lab	35.7395, -30.1421, 20.3969

Details

The HunterLab color **35.7395, -30.1421, 20.3969** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21.5526, 40.9135, -17.1135**, and the grayscale version is **25.1840, -1.3438, 1.3683**.

A 20% lighter version of the original color is **55.4933, -37.2685, 26.9919**, and **20.0357, -17.1806, 12.0452** is the 20% darker color. If you saturate the color by 10%, you get **35.7402, -30.1426, 20.3971**, and if you desaturate by 10%, it is **35.9046, -29.3269, 19.6150**.

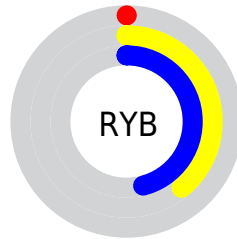
Distribution



Red (0%)

Green (46%)

Blue (8%)



Red (0%)

Yellow (39%)

Blue (46%)

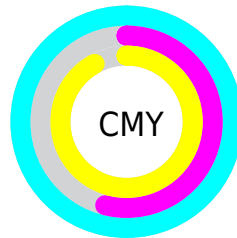


Cyan (100%)

Magenta (0%)

Yellow (83%)

Black (54%)



Cyan (100%)

Magenta (54%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.7395, -30.1421, 20.3969 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 35.7395, -30.1421, 20.3969 by changing the saturation by 10% instead.

■ 35.7395, -30.1421,
20.3969

■ 35.7395, -30.1421,
20.3969

144.7280,
-58.4329, 46.5858

■ 26.9682, -26.0974,
16.7095

■ 55.5846, -37.3809,
27.0749

■ 19.0613, -21.6177,
13.3429

■ 66.5488, -40.7057,
30.1541

■ 12.1270, -19.0425,
8.4889

■ 78.1519, -43.8888,
33.1040

■ 5.1762, -9.0583,
3.6233

■ 90.3604, -46.9575,
35.9484

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.1458,
-49.9322, 38.7055

0.0000, NaN, NaN


■ 116.4831,


0.0000, NaN, NaN


-52.8284, 41.3901


0.0000, NaN, NaN


 130.3503,
-55.6587, 44.0137


 35.7395, -30.1421,
20.3969


 35.7395, -30.1421,
20.3969


 35.7402, -30.1426,
20.3971

 35.9046, -29.3269,
19.6150

 36.1376, -28.1848,
18.5673

 36.4758, -26.5689,
17.2692

 36.9276, -24.4591,
15.7259

 37.4984, -21.8539,
13.9488

■ 38.1913, -18.7670,
11.9556

■ 39.0071, -15.2247,
9.7681

■ 39.9452, -11.2628,
7.4110

■ 41.0033, -6.9231,
4.9102

Harmonies

Analogous

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



35.7402, -15.3702, 23.4860



35.7395, -30.1421, 20.3969



35.7402, -36.5775, 9.4918

Triad

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



35.7402, -30.1426, 20.3970



35.7402, -10.4713, -72.2783



35.7402, 52.5035, 13.2349

Complementary

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



35.7395, -30.1421, 20.3969



21.5526, 40.9135, -17.1135

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.



35.7402, 54.8192, -7.7190



35.7395, -30.1421, 20.3969



35.7402, 13.8966, -68.5988

Square

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



35.7402, -30.1426, 20.3970



35.7402, -27.3664, -48.4638



35.7402, 39.2534, -40.3390



35.7402, 33.5700, 21.6079

Rectangle

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



35.7395, -30.1421, 20.3969



35.7402, -36.7911, -5.2178



35.7402, 39.2534, -40.3390



35.7402, 55.4056, 7.8773

Sweetspot

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



35.7402, -30.1426, 20.3970



52.1067, -20.7614, 13.3068



39.1052, -16.6486, 23.8050



24.8058, -10.7276, 6.8529



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



35.7402, -30.1426, 20.3970



47.8098, -40.4347, 27.5288



36.4324, -25.8505, 10.2665



20.2669, -3.1981, 2.2988



37.5118, -31.6537, 21.4447



82.7535, -70.2174, 48.1445

Inverse Universe

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



21.5526, 40.9135, -17.1135



28.8106, 54.6431, -22.4997



19.8206, 34.6823, 7.0785



19.3590, 1.1695, -0.1668



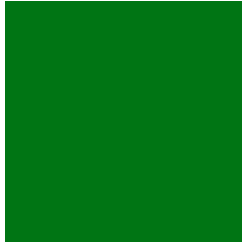
22.6180, 42.9292, -17.9052



49.8188, 94.3758, -38.0375

Previews

White Background



This preview shows how the HunterLab color 35.7395, -30.1421, 20.3969 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 × Fail

Black Background



This preview shows how the HunterLab color 35.7395, -30.1421, 20.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

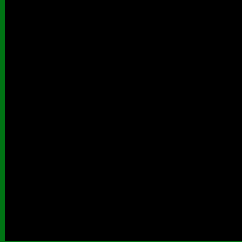
Any Text WCAG AA × Fail

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 35.7395, -30.1421, 20.3969 Background



This preview shows how black text looks on a background with the HunterLab color 35.7395, -30.1421, 20.3969.



This preview shows how white text looks on a background with the HunterLab color 35.7395,

-30.1421, 20.3969.

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

35.7395, -30.1421, 20.3969

Protanopia

35.5803, -4.8055, 21.0872

Deuteranopia

35.5650, 2.0563, 19.6729



Tritanopia

35.9141, -13.1216, -6.3950

Trichromacy



Original Color

35.7395, -30.1421, 20.3969

Protanomaly

34.2436, -18.6020, 19.8569

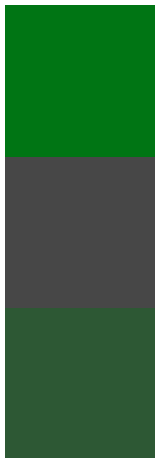
Deuteranomaly

33.8966, -15.2525, 18.6983

Tritanomaly

35.3396, -22.0311, 7.9977

Monochromacy



Original Color

35.7395, -30.1421, 20.3969

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

27.9021, -15.6152, 10.0163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.7395, -30.1421, 20.3969 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(0, 117, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 20)  
}
```

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(0, 117, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 35.7395, -30.1421, 20.3969 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(0, 117, 20) }
```


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

```
.border{ border-color:rgb(0, 117, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 20);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 20)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.7395, -30.1421, 20.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 20) }
```

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

```
.background{ background-color: rgb(0, 117,  
20) }
```

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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