

Converting Colors

HunterLab(36.6882, -30.8434,
20.7249)

Have a look what the booklet for
HunterLab(36.6882, -30.8434,
20.7249) contains.

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Color

**HunterLab(36.7353,
-30.8993, 20.7868)**

Conversions

Conversions Part 1

Format	Color
Hex	007817
RGB	0, 120, 23
RGB Percent	0%, 47%, 9%
CMY	1.0000, 0.5294, 0.9098
CMYK	1.00, 0.00, 0.81, 0.53
HSL	132°, 100%, 24%
HSV	132°, 100%, 47%
XYZ	6.8711, 13.4948, 3.0533
YIQ	73.0620, -40.3830, -55.6070

Conversions

Conversions Part 2

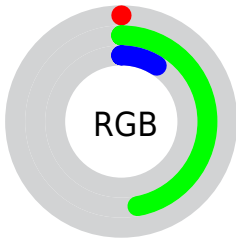
Format	Color
RYB	0, 101, 120
Decimal	30743
CIELab	43.50, -48.17, 41.82
CIELCh	44, 63.796, 139.037
Yxy	13.4954, 0.2934, 0.5762
Android (android.graphics.Color)	4278220823 (0xFF007817)
YUV	73.0620, -24.6806, -64.0754
Hunter-Lab	36.7353, -30.8993, 20.7868

Details

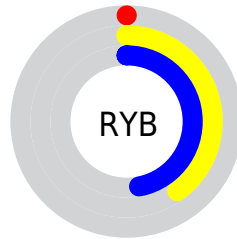
The HunterLab color **36.7353, -30.8993, 20.7868** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22.0370, 41.6550, -16.1178**, and the grayscale version is **25.9303, -1.3836, 1.4088**.

A 20% lighter version of the original color is **56.5817, -37.9566, 27.2256**, and **20.9292, -17.9468, 12.5823** is the 20% darker color. If you saturate the color by 10%, you get **36.7360, -30.8998, 20.7870**, and if you desaturate by 10%, it is **36.9050, -30.0554, 19.9376**.

Distribution



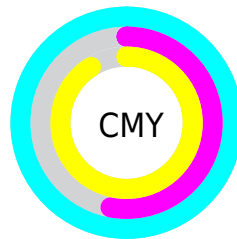
- Red (0%)
- Green (47%)
- Blue (9%)



- Red (0%)
- Yellow (40%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7353, -30.8993, 20.7868 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 36.7353, -30.8993, 20.7868 by changing the saturation by 10% instead.

■ 36.7353, -30.8993,
20.7868

■ 36.7353, -30.8993,
20.7868

146.3108,
-59.4286, 46.8844

■ 27.8757, -26.8350,
17.1264

■ 56.7371, -38.1882,
27.4264

■ 19.8708, -22.3446,
13.9095

■ 67.7720, -41.5400,
30.4923

■ 12.8249, -19.0403,
8.9774

■ 79.4420, -44.7506,
33.4316

■ 6.2251, -10.8938,
4.3575

■ 91.7142, -47.8468,
36.2675

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.5603,
-50.8486, 39.0178


0.0000, NaN, NaN


■ 117.9559,


0.0000, NaN, NaN


-53.7717, 41.6968


0.0000, NaN, NaN


 131.8791,
-56.6284, 44.3159


 36.7353, -30.8993,
20.7868


 36.7353, -30.8993,
20.7868


 36.7360, -30.8998,
20.7870

 36.9050, -30.0554,
19.9376

 37.1454, -28.8739,
18.8261

 37.4933, -27.2096,
17.4698

 37.9573, -25.0425,
15.8759

 38.5430, -22.3707,
14.0574

■ 39.2536, -19.2083,
12.0329

■ 40.0900, -15.5822,
9.8251

■ 41.0515, -11.5286,
7.4588

■ 42.1358, -7.0901,
4.9602

Harmonies

Analogous

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



36.7361, -15.9354, 24.0550



36.7353, -30.8993, 20.7868



36.7361, -37.3807, 9.4579

Triad

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



36.7361, -30.8998, 20.7869



36.7361, -10.3954, -73.3536



36.7361, 53.1539, 13.7019

Complementary

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



36.7353, -30.8993, 20.7868



22.0370, 41.6550, -16.1178

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.



36.7361, 55.7587, -7.4488



36.7353, -30.8993, 20.7868



36.7361, 14.4730, -69.2300

Square

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



36.7361, -30.8998, 20.7869



36.7361, -27.7512, -49.5563



36.7361, 40.1701, -40.4376



36.7361, 33.7715, 22.1765

Rectangle

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



36.7353, -30.8993, 20.7868



36.7361, -37.5355, -5.6509



36.7361, 40.1701, -40.4376



36.7361, 56.1794, 8.2925

Sweetspot

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



36.7361, -30.8998, 20.7869



53.0793, -21.0385, 13.2528



40.0378, -17.6637, 24.3619



25.6484, -11.0663, 6.9479



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



36.7361, -30.8998, 20.7869



48.7022, -41.0817, 27.8102



37.4736, -26.3297, 9.9996



21.1220, -3.3339, 2.3634



38.3671, -32.2880, 21.7449



83.7380, -70.8816, 48.3478

Inverse Universe

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



22.0370, 41.6550, -16.1178



29.1934, 55.1306, -20.9497



20.3303, 35.5044, 7.8009



20.1618, 1.2204, -0.1374



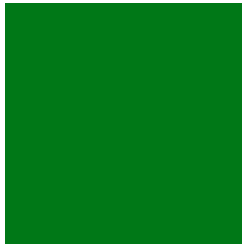
23.0125, 43.4922, -16.7774



50.1417, 94.5688, -35.0383

Previews

White Background



This preview shows how the HunterLab color 36.7353, -30.8993, 20.7868 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 36.7353, -30.8993, 20.7868 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 36.7353, -30.8993, 20.7868 Background



This preview shows how black text looks on a background with the HunterLab color 36.7353, -30.8993, 20.7868.



This preview shows how white text looks on a background with the HunterLab color 36.7353,

-30.8993, 20.7868.

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

36.7353, -30.8993, 20.7868

Protanopia

36.6840, -5.0188, 21.5917

Deuteranopia

36.4061, 2.3109, 20.0091



Tritanopia

36.9417, -13.6192, -6.5075

Trichromacy



Original Color

36.7353, -30.8993, 20.7868

Protanomaly

35.2755, -19.1309, 20.2893

Deuteranomaly

34.5633, -15.6623, 18.9165

Tritanomaly

36.3654, -22.5744, 8.0008

Monochromacy



Original Color

36.7353, -30.8993, 20.7868

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

28.5815, -15.8404, 9.8366

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7353, -30.8993, 20.7868 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, 120, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 23)  
}
```

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, 120, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7353, -30.8993, 20.7868 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, 120, 23) }
```


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

```
.border{ border-color:rgb(0, 120, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 23);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.7353, -30.8993, 20.7868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 23) }
```

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

```
.background{ background-color: rgb(0, 120,  
23) }
```

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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