

Converting Colors

HunterLab(36.4475, 30.9448,
21.1609)

Have a look what the booklet for
HunterLab(36.4475, 30.9448,
21.1609) contains.

HunterLab(36.4048, 30.7742, 21.0781)	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(36.4048, 30.7742,
21.0781)**

Conversions

Conversions Part 1

Format	Color
Hex	AB471D
RGB	171, 71, 29
RGB Percent	67%, 28%, 11%
CMY	0.3294, 0.7215, 0.8863
CMYK	0.00, 0.58, 0.83, 0.33
HSL	18°, 71%, 39%
HSV	18°, 83%, 67%
XYZ	19.2696, 13.2531, 2.7049
YIQ	96.1120, 73.0820, 8.1380

Conversions

Conversions Part 2

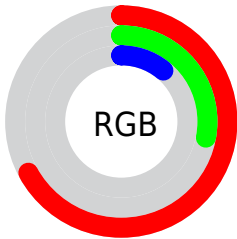
Format	Color
R_{YB}	171, 89, 29
Decimal	11224861
CIE _{Lab}	43.14, 38.80, 43.61
CIE _{LCh}	43, 58.376, 48.340
Yxy	13.2538, 0.5470, 0.3762
Android (android.graphics.Color)	4289414941 (0xFFAB471D)
YUV	96.1120, -33.0862, 65.6768
Hunter-Lab	36.4048, 30.7742, 21.0781

Details

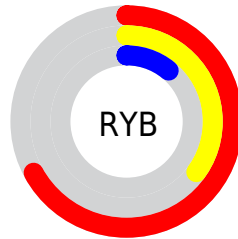
The HunterLab color **36.4048, 30.7742, 21.0781** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **43.4748, -11.5910, -25.9573**, and the grayscale version is **34.3441, -1.8325, 1.8660**.

A 20% lighter version of the original color is **56.2234, 33.6117, 27.8289**, and **19.6910, 28.0751, 12.6250** is the 20% darker color. If you saturate the color by 10%, you get **34.3634, 35.5585, 21.2024**, and if you desaturate by 10%, it is **38.7940, 25.9135, 20.3919**.

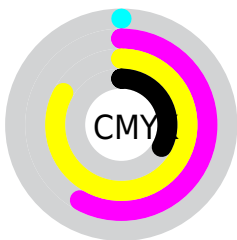
Distribution



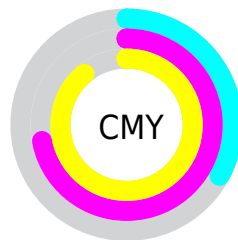
- Red (67%)
- Green (28%)
- Blue (11%)



- Red (67%)
- Yellow (35%)
- Blue (11%)



- Cyan (0%)
- Magenta (58%)
- Yellow (83%)
- Black (33%)



- Cyan (33%)
- Magenta (72%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4048, 30.7742, 21.0781 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 36.4048, 30.7742, 21.0781 by changing the saturation by 10% instead.

■ 36.4048, 30.7742,
21.0781

■ 36.4048, 30.7742,
21.0781

145.7869, 39.7602,
48.1599

■ 27.5746, 29.2344,
17.2682

■ 56.3552, 33.4689,
27.9898

■ 19.6019, 27.5802,
13.7213

■ 67.3668, 34.6433,
31.1773

■ 12.5927, 25.8718,
8.8149

■ 79.0147, 35.7134,
34.2300

■ 5.8990, 30.7597,
4.1293

■ 91.2659, 36.6874,
37.1722

0.0000, INF, NaN

0.0000, NaN, NaN

■ 104.0920, 37.5729,
40.0227

0.0000, NaN, NaN

■ 117.4683, 38.3765,

0.0000, NaN, NaN

42.7965

0.0000, NaN, NaN

131.3730, 39.1039,
45.5056

36.4048, 30.7742,
21.0781

36.4048, 30.7742,
21.0781

34.3634, 35.5585,
21.2024

38.7940, 25.9135,
20.3919

33.1501, 38.6956,
21.1044

41.4964, 21.1451,
19.1787

44.4795, 16.5686,
17.5036

47.7108, 12.2393,
15.4373

51.1609, 8.1791,
13.0454

■ 54.8039, 4.3879,
10.3845

■ 58.6174, 0.8528,
7.5011

■ 62.5823, -2.4458,
4.4322

■ 66.6824, -5.5299,
1.2074

Harmonies

Analogous

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



36.4058, 47.7203, 12.5317



36.4048, 30.7742, 21.0781



36.4058, 7.0344, 23.4911

Triad

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



36.4058, 30.7712, 21.0786



36.4058, -34.8773, 9.2321



36.4058, 12.3915, -60.9226

Complementary

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



36.4048, 30.7742, 21.0781



43.4748, -11.5910, -25.9573

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.



36.4058, -10.1295, -63.8544



36.4048, 30.7742, 21.0781



36.4058, -34.1005, -13.1437

Square

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



36.4058, 30.7712, 21.0786



36.4058, -28.5308, 19.8972



36.4058, -26.0739, -42.9101



36.4058, 35.4883, -36.3536

Rectangle

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



36.4048, 30.7742, 21.0781



36.4058, -7.8965, 23.5684



36.4058, -26.0739, -42.9101



36.4058, 4.4164, -64.8474

Sweetspot

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



36.4058, 30.7712, 21.0786



72.1494, 7.0588, 14.7819



33.4201, 55.3592, -16.3850



33.2822, 4.1456, 7.5593



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



36.4058, 30.7712, 21.0786



43.9986, 52.8437, 28.0369



52.5080, -2.0462, 31.0068



28.9605, -0.1942, 3.0742



28.9241, 33.1911, 18.4040



5.7354, 3.2181, 3.5904

Inverse Universe

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



43.4748, -11.5910, -25.9573



53.9611, -11.4333, -42.7656



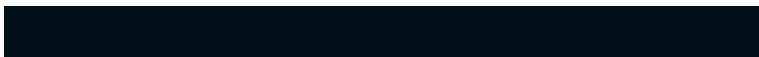
25.3158, 22.4067, -74.2408



29.4378, -2.8057, 0.0590



35.3741, -7.9637, -27.0231



6.6109, -2.3390, -3.2139

Previews

White Background



This preview shows how the HunterLab color 36.4048, 30.7742, 21.0781 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 36.4048, 30.7742, 21.0781 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 36.4048, 30.7742, 21.0781 Background



This preview shows how black text looks on a background with the HunterLab color 36.4048, 30.7742, 21.0781.



This preview shows how white text looks on a background with the HunterLab color 36.4048, 30.7742,

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

36.4048, 30.7742, 21.0781

Protanopia

36.7136, -4.6685, 19.7145

Deuteranopia

36.5224, 2.5046, 21.6198



Tritanopia

36.3867, 35.2100, 13.3242

Trichromacy



Original Color

36.4048, 30.7742, 21.0781

Protanomaly

35.7051, 7.6134, 19.6216

Deuteranomaly

36.1346, 12.4015, 21.2376

Tritanomaly

36.3186, 33.7276, 16.8620

Monochromacy



Original Color

36.4048, 30.7742, 21.0781

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.9046, 7.7732, 10.3067

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4048, 30.7742, 21.0781 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(171, 71, 29)` looks like.

```
.text, #text, p{  
    color:rgb(171, 71, 29)  
}
```

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(171, 71, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 71, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4048, 30.7742, 21.0781 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(171, 71, 29) }
```


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

```
.border{ border-color:rgb(171, 71, 29) }
```

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

Here you see how a box with a 4 pixel rgb(171, 71, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 71, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 71, 29);  
box-shadow:4px 4px 4px 4px rgb(171, 71,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4048, 30.7742, 21.0781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 71, 29) }
```

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

```
.background{ background-color: rgb(171, 71,  
29) }
```

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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