

Converting Colors

HunterLab(46.8056, 73.9624,
30.1338)

Have a look what the booklet for
HunterLab(46.8056, 73.9624,
30.1338) contains.

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Color

**HunterLab(46.7328, 73.7396,
30.0874)**

Conversions

Conversions Part 1

Format	Color
Hex	FC2200
RGB	252, 34, 0
RGB Percent	99%, 13%, 0%
CMY	0.0118, 0.8666, 1.0000
CMYK	0.00, 0.86, 1.00, 0.01
HSL	8°, 100%, 49%
HSV	8°, 100%, 99%
XYZ	40.7170, 21.8395, 2.0695
YIQ	95.3060, 140.8420, 35.6420

Conversions

Conversions Part 2

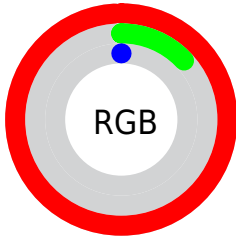
Format	Color
R_{YB}	252, 39, 0
Decimal	16523776
CIE Lab	53.86, 75.81, 67.07
CIE LCh	54, 101.219, 41.499
Yxy	21.8409, 0.6300, 0.3379
Android (android.graphics.Color)	4294713856 (0xFFFC2200)
YUV	95.3060, -46.9859, 137.4206
Hunter-Lab	46.7328, 73.7396, 30.0874

Details

The HunterLab color **46.7328, 73.7396, 30.0874** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **75.6031, -31.6421, -26.1909**, and the grayscale version is **34.0803, -1.8184, 1.8516**.

A 20% lighter version of the original color is **56.4750, 50.3836, 31.1937**, and **32.1159, 54.9994, 20.7525** is the 20% darker color. If you saturate the color by 10%, you get **46.7341, 73.7344, 30.0882**, and if you desaturate by 10%, it is **48.5570, 68.4213, 29.9813**.

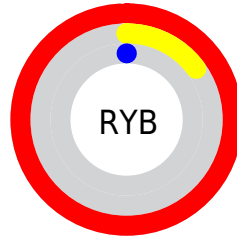
Distribution



Red (99%)

Green (13%)

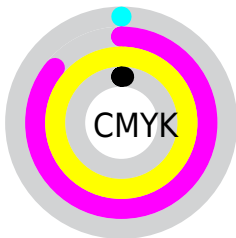
Blue (0%)



Red (99%)

Yellow (15%)

Blue (0%)

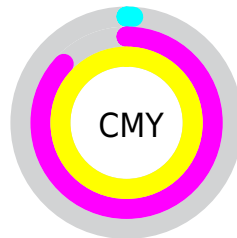


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (87%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7328, 73.7396, 30.0874 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 46.7328, 73.7396, 30.0874 by changing the saturation by 10% instead.


 46.7328, 73.7396,
30.0874


 46.7328, 73.7396,
30.0874


 161.7759, 92.2845,
67.9990


 37.0676, 71.3391,
24.9913


 68.1784, 78.4409,
39.6976


 28.1782, 69.0340,
19.7247


 79.8705, 80.6859,
44.1797


 20.1411, 67.0570,
14.0988

 92.1636, 82.8425,
48.4813

 13.0587, 66.0456,
9.1411

 105.0298, 84.9078,
52.6259

 6.5352, 75.8912,
4.5746

 118.4446, 86.8823,
56.6338


0.0000, INF, NaN

0.0000, INF, NaN


 132.3863, 88.7679,


60.5225


0.0000, NaN, NaN


 146.8359, 90.5676,
64.3067


0.0000, NaN, NaN

 46.7328, 73.7396,
30.0874


 46.7328, 73.7396,
30.0874

 46.7341, 73.7344,
30.0882

 48.5570, 68.4213,
29.9813

 51.3073, 61.2954,
29.1483

 54.9682, 52.9784,
27.5013

 59.4632, 44.0744,
25.1868

 64.6925, 35.0553,
22.3856

70.5542, 26.2244,
19.2577

76.9553, 17.7413,
15.9232

83.8162, 9.6679,
12.4640

91.0704, 2.0079,
8.9324

Harmonies

Analogous

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



46.7343, 104.5023, 15.3083



46.7328, 73.7396, 30.0874



46.7343, 25.6798, 32.7140

Triad

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



46.7343, 73.7338, 30.0881



46.7343, -56.7193, 20.8161



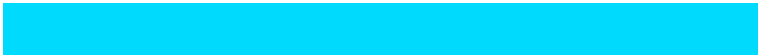
46.7343, 14.5353, -150.2230

Complementary

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



46.7328, 73.7396, 30.0874



75.6031, -31.6421, -26.1909

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.



46.7343, -25.2589, -142.3433



46.7328, 73.7396, 30.0874



46.7343, -57.8741, -15.3009

Square

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



46.7343, 73.7338, 30.0881



46.7343, -44.5526, 31.1786



46.7343, -48.5709, -81.1288



46.7343, 63.1618, -97.8053

Rectangle

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



46.7328, 73.7396, 30.0874



46.7343, -4.5690, 32.7140



46.7343, -48.5709, -81.1288



46.7343, -0.3864, -155.2583

Sweetspot

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



46.7343, 73.7338, 30.0881



77.9847, 17.9986, 16.1459



50.7723, 96.9596, -44.7949



34.7848, 9.9828, 8.1384

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.7343, 73.7338, 30.0881



47.3590, 74.7612, 30.4912



67.6008, 20.7111, 42.0178



41.9558, 0.7478, 4.0154



33.9063, 52.6394, 21.8144



10.8528, 14.3380, 6.9385

Inverse Universe

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



75.6031, -31.6421, -26.1909



76.6201, -32.0612, -26.5575



38.4088, 32.3901, -117.9282



43.8010, -5.1140, 0.6601



54.7124, -23.0270, -18.6770



16.9692, -7.4175, -5.1979

Previews

White Background



This preview shows how the HunterLab color 46.7328, 73.7396, 30.0874 looks on a white background.

Color Contrast Check

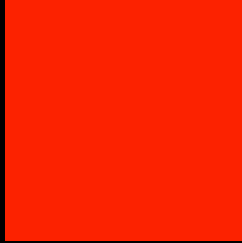
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.7328, 73.7396, 30.0874 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.7328, 73.7396, 30.0874 Background



This preview shows how black text looks on a background with the HunterLab color 46.7328, 73.7396, 30.0874.



This preview shows how white text looks on a background with the HunterLab color 46.7328, 73.7396,

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

46.7328, 73.7396, 30.0874

Protanopia

46.9935, -6.6240, 27.2057

Deuteranopia

46.8534, 2.5343, 28.9152



Tritanopia

46.7571, 74.2636, 28.7968

Trichromacy



Original Color

46.7328, 73.7396, 30.0874

Protanomaly

42.9247, 24.6249, 25.9669

Deuteranomaly

43.6856, 30.7951, 27.4580

Tritanomaly

46.7158, 74.1048, 29.4103

Monochromacy



Original Color

46.7328, 73.7396, 30.0874

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.3027, 23.9943, 14.1682

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7328, 73.7396, 30.0874 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(252, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 34, 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(252, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 34, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7328, 73.7396, 30.0874 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(252, 34, 0) }
```


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

```
.border{ border-color:rgb(252, 34, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 34, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 34, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 34, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 34, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.7328, 73.7396, 30.0874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 34, 0) }
```

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

```
.background{ background-color: rgb(252, 34,  
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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