

Converting Colors

HunterLab(72.3360, 16.1173,
39.1739)

Have a look what the booklet for
HunterLab(72.3360, 16.1173,
39.1739) contains.

HunterLab(72.4264, 15.9761, 39.1608)	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(72.4264, 15.9761,
39.1608)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF4D
RGB	255, 175, 77
RGB Percent	100%, 69%, 30%
CMY	0.0000, 0.3137, 0.6980
CMYK	0.00, 0.31, 0.70, 0.00
HSL	33°, 100%, 65%
HSV	33°, 70%, 100%
XYZ	57.9096, 52.4558, 14.0940
YIQ	187.7480, 79.1380, -13.5180

Conversions

Conversions Part 2

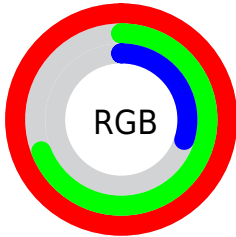
Format	Color
RYB	222, 255, 77
Decimal	16756557
CIELab	77.55, 20.63, 60.13
CIELCh	78, 63.568, 71.063
Yxy	52.4585, 0.4653, 0.4215
Android (android.graphics.Color)	4294946637 (0xFFFFAF4D)
YUV	187.7480, -54.5988, 58.9800
Hunter-Lab	72.4264, 15.9761, 39.1608

Details

The HunterLab color **72.4264, 15.9761, 39.1608** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **57.3674, 2.8066, -62.3793**, and the grayscale version is **71.0090, -3.7889, 3.8581**.

A 20% lighter version of the original color is **89.4559, -9.1973, 40.9639**, and **50.4370, 15.5501, 30.5733** is the 20% darker color. If you saturate the color by 10%, you get **69.2045, 20.8655, 40.2754**, and if you desaturate by 10%, it is **75.8578, 11.5413, 37.0179**.

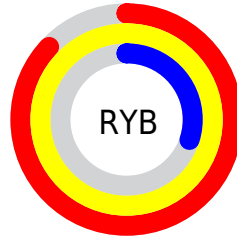
Distribution



Red (100%)

Green (69%)

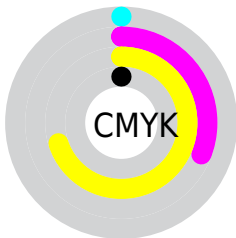
Blue (30%)



Red (87%)

Yellow (100%)

Blue (30%)

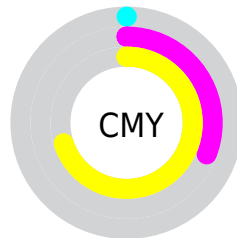


Cyan (0%)

Magenta (31%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.4264, 15.9761, 39.1608 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 72.4264, 15.9761, 39.1608 by changing the saturation by 10% instead.


 72.4264, 15.9761,
39.1608


 72.4264, 15.9761,
39.1608


199.0488, 16.4802,
71.0423


 61.1315, 15.5984,
34.9872


 96.8540, 16.4928,
46.9985


 50.4922, 15.1374,
30.6041


 109.9257, 16.6525,
50.7088


 40.5536, 14.5782,
25.9815


 123.5376, 16.7523,
54.3056

 31.3692, 13.9068,
21.3478

 137.6692, 16.7962,
57.8043

 23.0069, 13.1051,
16.1048

 152.3020, 16.7881,
61.2174

 15.5573, 12.1513,
10.8901

167.4193, 16.7309,

 9.1449, 11.0508,

64.5556

6.4014

183.0061, 16.6274,
67.8280

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.4264, 15.9761,
39.1608

■ 72.4264, 15.9761,
39.1608

■ 69.2045, 20.8655,
40.2754

■ 75.8578, 11.5413,
37.0179

■ 66.1962, 26.1793,
40.3726

■ 79.4815, 7.5889,
33.8742

■ 63.4044, 31.8116,
39.6129


■ 83.2870, 4.1138,
29.7840

■ 63.3512, 31.9235,
39.5956

■ 87.2619, 1.1031,
24.8117

■ 91.3944, -1.4636,

19.0261

 95.6732, -3.6113,
12.4955

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



72.4282, 45.3621, 31.6661



72.4264, 15.9761, 39.1608



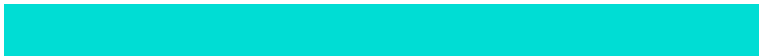
72.4282, -14.6853, 39.9175

Triad

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



72.4282, 15.9723, 39.1616



72.4282, -52.5326, -7.4873



72.4282, 38.3939, -51.3509

Complementary

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



72.4264, 15.9761, 39.1608



57.3674, 2.8066, -62.3793

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.



72.4282, 7.6230, -74.0002



72.4264, 15.9761, 39.1608



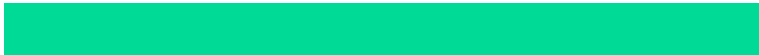
72.4282, -42.6831, -42.5823

Square

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



72.4282, 15.9723, 39.1616



72.4282, -51.0469, 19.6862



72.4282, -21.7795, -70.2595



72.4282, 59.7018, -16.3904

Rectangle

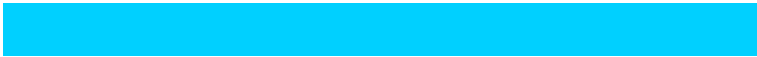
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4264, 15.9761, 39.1608



72.4282, -31.4803, 37.1091



72.4282, -21.7795, -70.2595



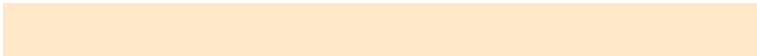
72.4282, 28.6211, -61.1959

Sweetspot

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



72.4282, 15.9723, 39.1616



90.8919, -1.1789, 19.7595



53.8571, 71.4279, -0.7291



41.5181, -0.2309, 9.9049

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.4282, 15.9723, 39.1616



67.9153, 23.0483, 40.4371



95.7425, -27.4595, 54.1671



44.3230, -1.6975, 5.6859



46.1232, 22.3487, 28.8122



15.1315, 5.3958, 9.4184

Inverse Universe

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



57.3674, 2.8066, -62.3793



50.5928, 9.9373, -79.5223



38.0814, 48.3507, -122.9846



43.2689, -2.8039, -1.1349



32.2799, 14.0431, -70.6621



11.0859, 2.3229, -18.8708

Previews

White Background



This preview shows how the HunterLab color 72.4264, 15.9761, 39.1608 looks on a white 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

Black Background



This preview shows how the HunterLab color 72.4264, 15.9761, 39.1608 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 ✓ Pass

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

HunterLab 72.4264, 15.9761, 39.1608 Background



This preview shows how black text looks on a background with the HunterLab color 72.4264, 15.9761, 39.1608.



This preview shows how white text looks on a background with the HunterLab color 72.4264, 15.9761,

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

72.4264, 15.9761, 39.1608

Protanopia

72.5290, -8.5374, 38.0171

Deuteranopia

72.3288, 5.6902, 39.2117



Tritanopia

72.4706, 29.2838, 10.2775

Trichromacy



Original Color

72.4264, 15.9761, 39.1608

Protanomaly

72.3568, -0.0209, 38.3667

Deuteranomaly

72.2319, 9.7102, 39.0666

Tritanomaly

72.3456, 23.1258, 24.0109

Monochromacy



Original Color

72.4264, 15.9761, 39.1608

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

70.7122, 1.0311, 20.0992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.4264, 15.9761, 39.1608 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(255, 175, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 77)  
}
```

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(255, 175, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 72.4264, 15.9761, 39.1608 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(255, 175, 77) }
```


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

```
.border{ border-color:rgb(255, 175, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.4264, 15.9761, 39.1608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 77) }
```

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

```
.background{ background-color: rgb(255,  
175, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor