

Converting Colors

HunterLab(72.4304, 18.0555,
34.6576)

Have a look what the booklet for
HunterLab(72.4304, 18.0555,
34.6576) contains.

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Color

**HunterLab(72.4510, 18.0152,
34.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE66
RGB	255, 174, 102
RGB Percent	100%, 68%, 40%
CMY	0.0000, 0.3176, 0.6000
CMYK	0.00, 0.32, 0.60, 0.00
HSL	28°, 100%, 70%
HSV	28°, 60%, 100%
XYZ	58.7744, 52.4915, 19.6045
YIQ	190.0110, 71.3880, -5.2200

Conversions

Conversions Part 2

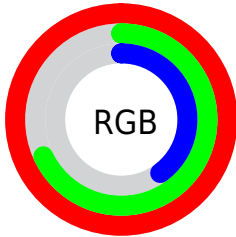
Format	Color
R_{YB}	255, 238, 102
Decimal	16756326
CIE _{Lab}	77.58, 22.64, 48.40
CIE _{LCh}	78, 53.433, 64.933
Yxy	52.4941, 0.4491, 0.4011
Android (android.graphics.Color)	4294946406 (0xFFFFAE66)
YUV	190.0110, -43.3894, 56.9954
Hunter-Lab	72.4510, 18.0152, 34.6724

Details

The HunterLab color **72.4510, 18.0152, 34.6724** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66.2644, -6.9678, -43.9400**, and the grayscale version is **71.9200, -3.8375, 3.9075**.

A 20% lighter version of the original color is **89.5657, -6.3655, 34.5506**, and **50.3905, 17.0429, 27.5262** is the 20% darker color. If you saturate the color by 10%, you get **68.6345, 23.5047, 36.7177**, and if you desaturate by 10%, it is **76.5252, 12.9888, 31.6921**.

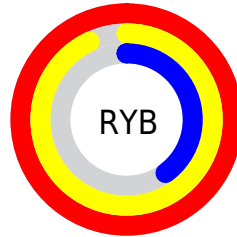
Distribution



Red (100%)

Green (68%)

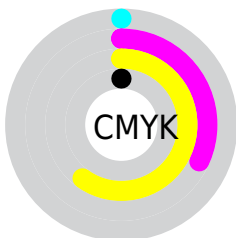
Blue (40%)



Red (100%)

Yellow (93%)

Blue (40%)

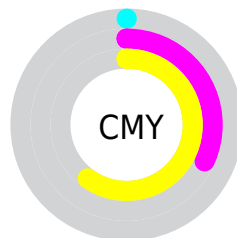


Cyan (0%)

Magenta (32%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.4510, 18.0152, 34.6724 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 72.4510, 18.0152, 34.6724 by changing the saturation by 10% instead.

 72.4510, 18.0152,
34.6724


 72.4510, 18.0152,
34.6724


199.0832, 19.1942,
61.2399


 61.1548, 17.5493,
31.2446


 96.8811, 18.6989,
41.1310


 50.5140, 16.9964,
27.6456


 109.9539, 18.9378,
44.2025

 40.5739, 16.3415,
23.8399


 123.5670, 19.1142,
47.1903

 31.3878, 15.5703,
19.7857

 137.6997, 19.2326,
50.1070

 23.0237, 14.6653,
16.1166

152.3335, 19.2966,
52.9625

 15.5720, 13.6069,
10.9004

167.4518, 19.3097,

 9.1577, 12.4077,

55.7653

6.4104

183.0396, 19.2747,
58.5224

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.4510, 18.0152,
34.6724

■ 72.4510, 18.0152,
34.6724

■ 68.6345, 23.5047,
36.7177

■ 76.5252, 12.9888,
31.6921

■ 65.0917, 29.4360,
37.7714

■ 80.8304, 8.4428,
27.8486

■ 61.8445, 35.7346,
37.8247

■ 85.3482, 4.3622,
23.2238

■ 58.9029, 42.2512,
37.0353

■ 90.0600, 0.7247,
17.8976

■ 58.9027, 42.2518,

■ 94.9491, -2.4977,

37.0352

11.9447

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



72.4528, 40.6877, 25.8269



72.4510, 18.0152, 34.6724



72.4528, -8.0228, 36.6468

Triad

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



72.4528, 18.0115, 34.6733



72.4528, -46.4000, -0.1671



72.4528, 26.2795, -45.4356

Complementary

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



72.4510, 18.0152, 34.6724



66.2644, -6.9678, -43.9400

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.



72.4528, 0.3789, -59.3133



72.4510, 18.0152, 34.6724



72.4528, -39.7279, -28.0322

Square

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



72.4528, 18.0115, 34.6733



72.4528, -43.0232, 20.9995



72.4528, -23.4276, -52.0419



72.4528, 45.9036, -18.6374

Rectangle

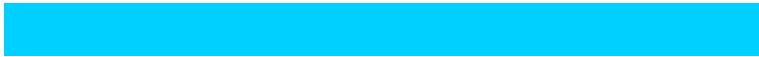
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4510, 18.0152, 34.6724



72.4528, -23.3351, 34.6958



72.4528, -23.4276, -52.0419



72.4528, 17.8957, -52.1197

Sweetspot

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



72.4528, 18.0115, 34.6733



91.0239, 0.0484, 16.7555



58.4868, 64.2897, -8.5833



41.4639, 0.4804, 8.5172

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.4528, 18.0115, 34.6733



67.9030, 24.6582, 37.0091



95.1462, -20.5624, 50.4351



44.0417, -1.2245, 5.3830



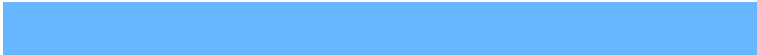
42.9214, 29.7119, 26.9681



14.1785, 7.4477, 8.8671

Inverse Universe

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



66.2644, -6.9678, -43.9400



60.6625, -3.7886, -55.1536



45.3670, 33.9161, -95.0935



43.5543, -3.2734, -0.7854



36.2313, 6.1044, -58.4637



12.2352, 0.2262, -15.7812

Previews

White Background



This preview shows how the HunterLab color 72.4510, 18.0152, 34.6724 looks on a white background.

Color Contrast Check

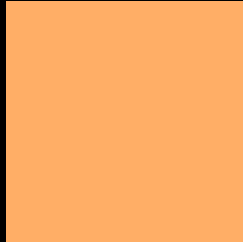
Large Text (above 18pt) WCAG AA × Fail

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 72.4510, 18.0152, 34.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

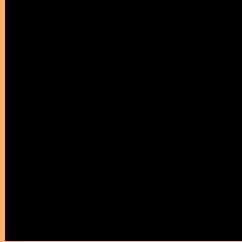
Any Text WCAG AA ✓ Pass

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 72.4510, 18.0152, 34.6724 Background



This preview shows how black text looks on a background with the HunterLab color 72.4510, 18.0152, 34.6724.



This preview shows how white text looks on a background with the HunterLab color 72.4510, 18.0152,

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

72.4510, 18.0152, 34.6724

Protanopia

72.5471, -7.8206, 32.9715

Deuteranopia

72.5396, 5.5062, 34.9405



Tritanopia

72.4706, 29.2838, 10.2775

Trichromacy



Original Color

72.4510, 18.0152, 34.6724

Protanomaly

72.1591, 1.4362, 33.2854

Deuteranomaly

72.5512, 9.9094, 34.8177

Tritanomaly

72.2799, 24.6493, 20.9537

Monochromacy



Original Color

72.4510, 18.0152, 34.6724

Achromatopsia

71.7578, -3.8288, 3.8987

Achromatomaly

71.4463, 2.4953, 17.2247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.4510, 18.0152, 34.6724 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, 174, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 102)  
}
```

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, 174, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 72.4510, 18.0152, 34.6724 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, 174, 102) }
```


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

```
.border{ border-color:rgb(255, 174, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.4510, 18.0152, 34.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 102) }
```

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

```
.background{ background-color: rgb(255,  
174, 102) }
```

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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