

Converting Colors

HunterLab(75.4715, 7.6798,
46.6397)

Have a look what the booklet for
HunterLab(75.4715, 7.6798,
46.6397) contains.

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Color

**HunterLab(75.3662, 7.8713,
46.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB00
RGB	255, 187, 0
RGB Percent	100%, 73%, 0%
CMY	0.0000, 0.2666, 0.9999
CMYK	0.00, 0.27, 1.00, 0.00
HSL	44°, 100%, 50%
HSV	44°, 100%, 100%
XYZ	59.0103, 56.8006, 7.8534
YIQ	186.0140, 100.5550, -43.7410

Conversions

Conversions Part 2

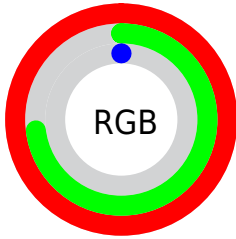
Format	Color
R _Y B	93, 255, 0
Decimal	16759552
CIE Lab	80.07, 12.46, 82.38
CIE LCh	80, 83.317, 81.400
Yxy	56.8035, 0.4772, 0.4593
Android (android.graphics.Color)	4294949632 (0xFFFFBB00)
YUV	186.0140, -91.7049, 60.5007
Hunter-Lab	75.3662, 7.8713, 46.5781

Details

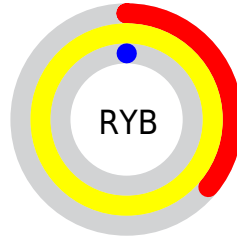
The HunterLab color **75.3662, 7.8713, 46.5781** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **33.6985, 47.5923, -144.8560**, and the grayscale version is **70.4245, -3.7577, 3.8263**.

A 20% lighter version of the original color is **92.7285, -18.1868, 51.5879**, and **53.1570, 8.5988, 32.9056** is the 20% darker color. If you saturate the color by 10%, you get **75.3665, 7.8701, 46.5783**, and if you desaturate by 10%, it is **77.3498, 4.6450, 47.0161**.

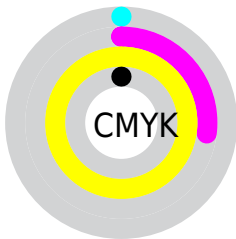
Distribution



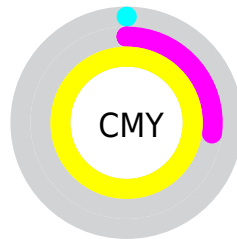
- Red (100%)
- Green (73%)
- Blue (0%)



- Red (36%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.3662, 7.8713, 46.5781 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 75.3662, 7.8713, 46.5781 by changing the saturation by 10% instead.


 75.3662, 7.8713,
46.5781


 75.3662, 7.8713,
46.5781

203.1533, 5.4635,
88.3676

 63.9120, 7.8824,
41.1060

 100.0892, 7.6596,
56.9034

 53.1036, 7.8296,
35.4094


 113.2988, 7.4762,
61.7930

 42.9842, 7.7009,
29.7084

 127.0432, 7.2449,
66.5260

 33.6044, 7.4853,
23.5231

 141.3025, 6.9687,
71.1193

 25.0280, 7.1681,
17.5196

 156.0586, 6.6503,
75.5877

 17.3386, 6.7282,
12.1370

 171.2954, 6.2920,

 10.6536, 6.1349,

79.9445

7.4575

186.9981, 5.8958,
84.2011

■ 0.8736, 62.0986,
0.6115

0.0000, NaN, NaN

■ 75.3662, 7.8713,
46.5781

■ 75.3662, 7.8713,
46.5781

■ 75.3665, 7.8701,
46.5783

■ 77.3498, 4.6450,
47.0161

■ 79.4286, 1.7543,
46.6346

■ 81.6160, -0.7257,
45.2424

■ 83.9149, -2.7624,
42.7742

■ 86.3260, -4.3383,
39.2049

■ 88.8483, -5.4473,
34.5358

■ 91.4801, -6.0914,
28.7867

■ 94.2184, -6.2785,
21.9903

■ 97.0602, -6.0212,
14.1877

Harmonies

Analogous

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



75.3681, 50.4256, 41.8820



75.3662, 7.8713, 46.5781



75.3681, -30.1705, 45.4455

Triad

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



75.3681, 7.8675, 46.5787



75.3681, -63.2661, -27.9047



75.3681, 66.2765, -57.5836

Complementary

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



75.3662, 7.8713, 46.5781



33.6985, 47.5923, -144.8560

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.



75.3681, 26.2544, -101.2713



75.3662, 7.8713, 46.5781



75.3681, -46.3873, -78.7910

Square

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



75.3681, 7.8675, 46.5787



75.3681, -66.1653, 14.2770



75.3681, -15.2239, -110.5864



75.3681, 88.4789, -7.7239

Rectangle

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



75.3662, 7.8713, 46.5781



75.3681, -48.5770, 41.0106



75.3681, -15.2239, -110.5864



75.3681, 54.1090, -74.3672

Sweetspot

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



75.3681, 7.8675, 46.5787



91.4783, -6.0911, 28.7919



46.5594, 80.6287, 23.1340



41.8026, -2.7183, 14.5018

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.3681, 7.8675, 46.5787



75.3668, 7.8702, 46.5785



91.2079, -45.3290, 55.4079



44.9700, -2.7747, 6.3764



54.7162, 5.2592, 33.8079



17.5920, 0.7165, 10.8526

Inverse Universe

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



33.6985, 47.5923, -144.8560



33.6957, 47.6006, -144.8728



28.5763, 74.1984, -177.3828



42.6210, -1.7270, -1.9371



24.7793, 33.1045, -102.4350



8.7647, 7.4459, -27.0287

Previews

White Background



This preview shows how the HunterLab color 75.3662, 7.8713, 46.5781 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 75.3662, 7.8713, 46.5781 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 75.3662, 7.8713, 46.5781 Background



This preview shows how black text looks on a background with the HunterLab color 75.3662, 7.8713, 46.5781.



This preview shows how white text looks on a background with the HunterLab color 75.3662, 7.8713,

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

75.3662, 7.8713, 46.5781

Protanopia

75.3184, -10.3476, 45.8739

Tritanopia

75.3491, 25.3102, 8.9897

Trichromacy



Original Color

75.3662, 7.8713, 46.5781

Protanomaly

75.3089, -4.1987, 46.1054

Tritanomaly

74.6082, 15.7466, 32.1279

Monochromacy



Original Color

75.3662, 7.8713, 46.5781

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

70.9047, -4.0180, 29.2888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.3662, 7.8713, 46.5781 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, 187, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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(255, 187, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 75.3662, 7.8713, 46.5781 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, 187, 0) }
```

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

```
.border{ border-color:rgb(255, 187, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
0) }
```


Background

The CSS property to change the background color of an element to HunterLab 75.3662, 7.8713, 46.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 0) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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