

Converting Colors

HunterLab(47.5754, -7.9552,
-24.8797)

Have a look what the booklet for
HunterLab(47.5754, -7.9552,
-24.8797) contains.

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Color

**HunterLab(47.6261, -8.0663,
-24.5493)**

Conversions

Conversions Part 1

Format	Color
Hex	4B89B4
RGB	75, 137, 180
RGB Percent	29%, 54%, 71%
CMY	0.7059, 0.4627, 0.2941
CMYK	0.58, 0.24, 0.00, 0.29
HSL	205°, 41%, 50%
HSV	205°, 58%, 71%
XYZ	20.0855, 22.6825, 46.4996
YIQ	123.3640, -50.7550, 0.2290

Conversions

Conversions Part 2

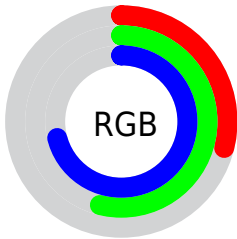
Format	Color
R _Y B	75, 114, 180
Decimal	4950452
CIE Lab	54.74, -7.11, -28.64
CIE LCh	55, 29.509, 256.055
Yxy	22.6833, 0.2250, 0.2541
Android (android.graphics.Color)	4283140532 (0xFF4B89B4)
YUV	123.3640, 27.9215, -42.4152
Hunter-Lab	47.6261, -8.0663, -24.5493

Details

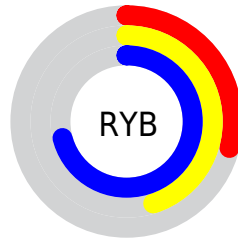
The HunterLab color $47.6261, -8.0663, -24.5493$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $48.1344, 14.3021, 21.7102$, and the grayscale version is $44.5567, -2.3774, 2.4209$.

A 20% lighter version of the original color is $69.1293, -9.7657, -25.6357$, and $28.8941, -5.8444, -23.4988$ is the 20% darker color. If you saturate the color by 10%, you get $44.7576, -7.0996, -29.7456$, and if you desaturate by 10%, it is $50.6780, -8.4396, -19.4386$.

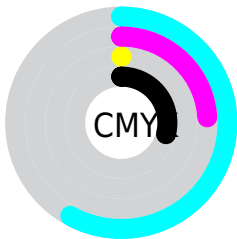
Distribution



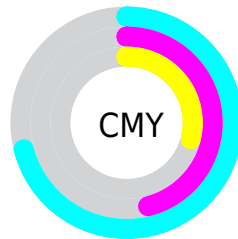
- Red (29%)
- Green (54%)
- Blue (71%)



- Red (29%)
- Yellow (45%)
- Blue (71%)



- Cyan (58%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6261, -8.0663, -24.5493 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 47.6261, -8.0663, -24.5493 by changing the saturation by 10% instead.

■ 47.6261, -8.0663,
-24.5493

■ 47.6261, -8.0663,
-24.5493

163.1239,
-17.1470, -27.2567

■ 37.8943, -7.1215,
-23.9940

■ 69.1901, -9.9825,
-25.5264

■ 28.9333, -6.1793,
-23.4270

■ 80.9367, -10.9593,
-25.9348

■ 20.8170, -5.2308,
-22.9142

■ 93.2818, -11.9506,
-26.2873

■ 13.6448, -4.2592,
-22.6377

■ 106.1976,
-12.9572, -26.5845

■ 7.2474, -4.6628,
-24.6735

■ 119.6599,
-13.9799, -26.8282

0.0000, NaN, -NF

133.6474,

0.0000, NaN, -NF

-15.0190, -27.0201

0.0000, NaN, NaN

148.1411,
-16.0746, -27.1623

0.0000, NaN, NaN

■ 47.6261, -8.0663,
-24.5493

■ 47.6261, -8.0663,
-24.5493

■ 44.7576, -7.0996,
-29.7456

■ 50.6780, -8.4396,
-19.4386

■ 42.0826, -5.4959,
-35.0018

■ 53.8971, -8.2730,
-14.4348

■ 39.6114, -3.2327,
-40.2805

■ 57.2707, -7.6224,
-9.5465

■ 37.3336, -0.3688,
-45.5771

■ 60.7858, -6.5415,
-4.7765

■ 36.9626, 0.1322,
-46.4854

■ 64.4307, -5.0803,
-0.1223

■ 68.1947, -3.2832,
4.4217

■ 72.0681, -1.1896,
8.8629

■ 76.0425, 1.1662,
13.2098

■ 80.1101, 3.7546,
17.4711

Harmonies

Analogous

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



47.6270, -17.7544, -16.4360



47.6261, -8.0663, -24.5493



47.6270, 4.1190, -24.2247

Triad

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



47.6270, -8.0662, -24.5483



47.6270, 22.1611, 8.3603



47.6270, -18.2845, 15.6241

Complementary

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



47.6261, -8.0663, -24.5493



48.1344, 14.3021, 21.7102

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.



47.6270, -8.8594, 19.4380



47.6261, -8.0663, -24.5493



47.6270, 14.8533, 16.0234

Square

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



47.6270, -8.0662, -24.5483



47.6270, 22.4284, -3.1049



47.6270, 3.2423, 19.5629



47.6270, -23.2395, 7.6628

Rectangle

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



47.6261, -8.0663, -24.5493



47.6270, 12.0642, -19.2070



47.6270, 3.2423, 19.5629



47.6270, -15.5791, 17.3348

Sweetspot

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



47.6270, -8.0662, -24.5483



82.3536, -8.6266, -5.7729



59.5175, -36.8718, 19.2626



37.8458, -4.1681, -3.2633



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



47.6270, -8.0662, -24.5483



59.2082, -9.0306, -42.0770



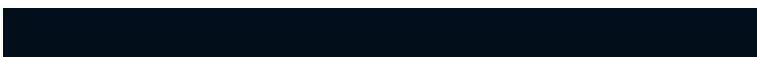
33.7166, 17.3833, -54.8517



30.0603, -2.4585, -0.2700



31.0968, -0.2619, -38.3030



6.4469, -1.5210, -4.7747

Inverse Universe

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



40.6724, 42.2917, -8.6989



49.8247, 68.1114, -11.8108



62.2690, -10.4339, 31.8482



29.3030, 1.7150, 0.4453



27.4159, 49.6644, -3.3211



4.9773, 9.2200, -2.1805

Previews

White Background



This preview shows how the HunterLab color 47.6261, -8.0663, -24.5493 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 47.6261, -8.0663, -24.5493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

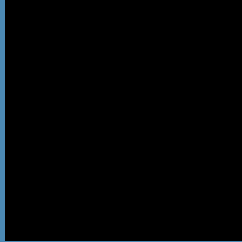
Any Text WCAG AA ✓ Pass

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 47.6261, -8.0663, -24.5493 Background



This preview shows how black text looks on a background with the HunterLab color 47.6261, -8.0663, -24.5493.

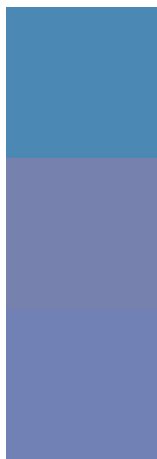


This preview shows how white text looks on a background with the HunterLab color 47.6261, -8.0663, -24.5493.

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

47.6261, -8.0663, -24.5493

Protanopia

47.5479, 2.9909, -20.5823

Deuteranopia

47.5275, 3.5983, -25.8596



Tritanopia

47.6822, -17.7929, -8.4036

Trichromacy



Original Color

47.6261, -8.0663, -24.5493

Protanomaly

47.3940, -1.7108, -22.2101

Deuteranomaly

47.4251, -1.1782, -25.4506

Tritanomaly

47.5704, -14.3073, -14.1247

Monochromacy



Original Color

47.6261, -8.0663, -24.5493

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.2947, -5.5833, -6.7256

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6261, -8.0663, -24.5493 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(75, 137, 180)` looks like.

```
.text, #text, p{  
    color:rgb(75, 137, 180)  
}
```

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(75, 137, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 137, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6261, -8.0663, -24.5493 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(75, 137, 180) }
```


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

```
.border{ border-color:rgb(75, 137, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 137, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 137, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 137, 180);  
box-shadow:4px 4px 4px 4px rgb(75, 137,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6261, -8.0663, -24.5493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 137, 180) }
```

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

```
.background{ background-color: rgb(75, 137,  
180) }
```

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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