

Converting Colors

HunterLab(46.5476, -13.6725,
-9.9444)

Have a look what the booklet for
HunterLab(46.5476, -13.6725,
-9.9444) contains.

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Color

**HunterLab(46.6573,
-13.7199, -9.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8999
RGB	77, 137, 153
RGB Percent	30%, 54%, 60%
CMY	0.6980, 0.4627, 0.4000
CMYK	0.50, 0.10, 0.00, 0.40
HSL	193°, 33%, 45%
HSV	193°, 50%, 60%
XYZ	17.7560, 21.7690, 33.4031
YIQ	120.8840, -40.8960, -7.7440

Conversions

Conversions Part 2

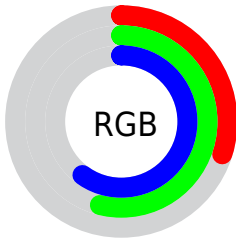
Format	Color
R_{YB}	77, 111, 153
Decimal	5081497
CIE _{Lab}	53.78, -14.95, -14.57
CIE _{LCh}	54, 20.880, 224.267
Yxy	21.7699, 0.2435, 0.2985
Android (android.graphics.Color)	4283271577 (0xFF4D8999)
YUV	120.8840, 15.8332, -38.4863
Hunter-Lab	46.6573, -13.7199, -9.7870

Details

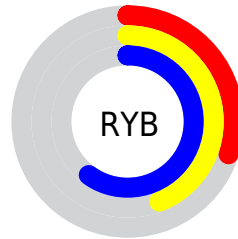
The HunterLab color $46.6573, -13.7199, -9.7870$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $38.9067, 16.2905, 13.5588$, and the grayscale version is $43.6343, -2.3282, 2.3707$.

A 20% lighter version of the original color is $67.9391, -16.3320, -9.9386$, and $28.1146, -10.7514, -9.3734$ is the 20% darker color. If you saturate the color by 10%, you get $45.0604, -14.6309, -12.1447$, and if you desaturate by 10%, it is $48.3864, -12.3537, -7.3296$.

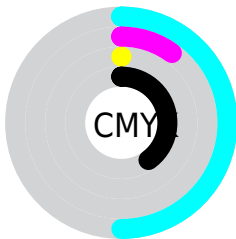
Distribution



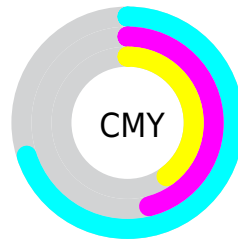
- Red (30%)
- Green (54%)
- Blue (60%)



- Red (30%)
- Yellow (44%)
- Blue (60%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6573, -13.7199, -9.7870 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 46.6573, -13.7199, -9.7870 by changing the saturation by 10% instead.

■ 46.6573, -13.7199,
-9.7870

■ 46.6573, -13.7199,
-9.7870

161.6608,
-26.1129, -8.6561

■ 36.9972, -12.2809,
-9.6181

■ 68.0921, -16.5166,
-9.9156

■ 28.1139, -10.7939,
-9.3741

■ 79.7795, -17.8926,
-9.8872

■ 20.0836, -9.2315,
-9.0524

■ 92.0682, -19.2615,
-9.8026

■ 13.0090, -7.5436,
-8.6648

■ 104.9301,
-20.6275, -9.6658

■ 6.4706, -10.4148,
-9.8584

■ 118.3408,
-21.9936, -9.4800

0.0000, NaN, -NF

0.0000, NaN, NaN

132.2787,

-23.3620, -9.2481

0.0000, NaN, NaN

146.7244,
-24.7347, -8.9727

0.0000, NaN, NaN

■ 46.6573, -13.7199,
-9.7870

■ 46.6573, -13.7199,
-9.7870

■ 45.0604, -14.6309,
-12.1447

■ 48.3864, -12.3537,
-7.3296

■ 43.5947, -15.0684,
-14.3887

■ 50.2413, -10.5575,
-4.7918

■ 42.2605, -15.0281,
-16.5042

■ 52.2180, -8.3627,
-2.1889

■ 41.0530, -14.5236,
-18.4830

■ 54.3111, -5.8028,
0.4644

■ 39.9414, -13.6717,
-20.3645

■ 56.5145, -2.9116,
3.1554

■ 39.9051, -13.6429,
-20.4269

■ 58.8221, 0.2780,
5.8736

■ 61.2279, 3.7351,
8.6101

■ 63.7260, 7.4311,
11.3582

■ 66.3108, 11.3404,
14.1124

Harmonies

Analogous

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



46.6582, -17.4184, -1.4928



46.6573, -13.7199, -9.7870



46.6582, -6.8785, -15.2170

Triad

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



46.6582, -13.7201, -9.7862



46.6582, 14.4599, -1.9157



46.6582, -6.4858, 15.3253

Complementary

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



46.6573, -13.7199, -9.7870



38.9067, 16.2905, 13.5588

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.



46.6582, 2.0627, 15.2534



46.6573, -13.7199, -9.7870



46.6582, 14.5841, 6.2417

Square

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



46.6582, -13.7201, -9.7862



46.6582, 9.5816, -10.1437



46.6582, 9.9097, 12.2136



46.6582, -13.4506, 12.4319

Rectangle

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



46.6573, -13.7199, -9.7870



46.6582, -1.2590, -15.9618



46.6582, 9.9097, 12.2136



46.6582, -3.7125, 15.6282

Sweetspot

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



46.6582, -13.7201, -9.7862



71.0865, -9.7499, -1.3831



50.1368, -29.3765, 18.3510



33.1526, -4.8848, -0.9703



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



46.6582, -13.7201, -9.7862



59.9928, -19.7092, -16.7175



35.9922, 3.2166, -27.4109



26.0877, -2.7238, 0.2799



36.3454, -12.4953, -18.4547



4.9692, -2.2195, -1.4198

Inverse Universe

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



37.2650, 32.0555, -14.1326



45.6605, 52.9373, -22.7871



48.2983, -1.4178, 21.1166



25.1025, 1.6191, -0.1792



25.9593, 48.8538, -17.3162



3.2517, 6.2470, -3.1574

Previews

White Background



This preview shows how the HunterLab color 46.6573, -13.7199, -9.7870 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 46.6573, -13.7199, -9.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

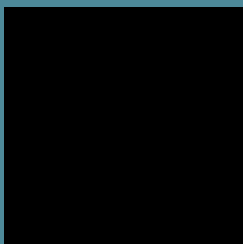
Any Text WCAG AA ✓ Pass

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 46.6573, -13.7199, -9.7870 Background



This preview shows how black text looks on a background with the HunterLab color 46.6573, -13.7199, -9.7870.



This preview shows how white text looks on a background with the HunterLab color 46.6573,

-13.7199, -9.7870.

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

46.6573, -13.7199, -9.7870

Protanopia

46.4909, 0.1724, -6.0303

Deuteranopia

46.4538, 3.5748, -11.4563



Tritanopia

46.7797, -15.1124, -7.4770

Trichromacy



Original Color

46.6573, -13.7199, -9.7870

Protanomaly

46.4658, -5.5390, -7.7463

Deuteranomaly

46.1717, -3.1970, -11.4261

Tritanomaly

46.8140, -14.9154, -7.9584

Monochromacy



Original Color

46.6573, -13.7199, -9.7870

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.5819, -7.3552, -2.1688

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.6573, -13.7199, -9.7870 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(77, 137, 153)` looks like.

```
.text, #text, p{  
    color:rgb(77, 137, 153)  
}
```

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(77, 137, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 137, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 46.6573, -13.7199, -9.7870 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(77, 137, 153) }
```


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

```
.border{ border-color:rgb(77, 137, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 137, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 137, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 137, 153);  
box-shadow:4px 4px 4px 4px rgb(77, 137,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.6573, -13.7199, -9.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 137, 153) }
```

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

```
.background{ background-color: rgb(77, 137,  
153) }
```

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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