

Converting Colors

HunterLab(48.4563, -8.5793,
-14.2868)

Have a look what the booklet for
HunterLab(48.4563, -8.5793,
-14.2868) contains.

HunterLab(48.5779, -8.8326, -14.2529)	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(48.5779, -8.8326,
-14.2529)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8BA6
RGB	94, 139, 166
RGB Percent	37%, 55%, 65%
CMY	0.6314, 0.4549, 0.3490
CMYK	0.43, 0.16, 0.00, 0.35
HSL	202°, 29%, 51%
HSV	202°, 43%, 65%
XYZ	20.7317, 23.5981, 39.5386
YIQ	128.6230, -35.4870, -1.1430

Conversions

Conversions Part 2

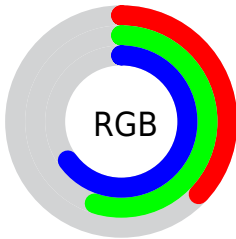
Format	Color
RYB	94, 122, 166
Decimal	6196134
CIELab	55.68, -8.00, -19.09
CIELCh	56, 20.703, 247.265
Yxy	23.5990, 0.2472, 0.2814
Android (android.graphics.Color)	4284386214 (0xFF5E8BA6)
YUV	128.6230, 18.4269, -30.3644
Hunter-Lab	48.5779, -8.8326, -14.2529

Details

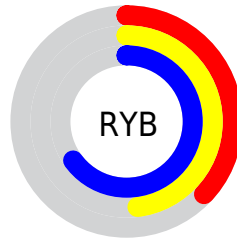
The HunterLab color $48.5779, -8.8326, -14.2529$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $47.5294, 9.1511, 16.2367$, and the grayscale version is $46.6464, -2.4889, 2.5344$.

A 20% lighter version of the original color is $70.0876, -10.7633, -14.8687$, and $29.7171, -6.8105, -13.5696$ is the 20% darker color. If you saturate the color by 10%, you get $45.8934, -9.0069, -18.4863$, and if you desaturate by 10%, it is $51.4076, -8.1955, -10.0749$.

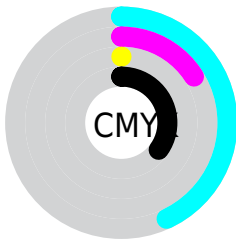
Distribution



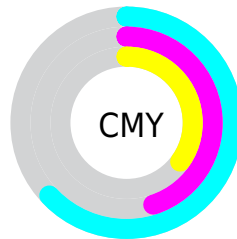
- Red (37%)
- Green (55%)
- Blue (65%)



- Red (37%)
- Yellow (48%)
- Blue (65%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5779, -8.8326, -14.2529 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 48.5779, -8.8326, -14.2529 by changing the saturation by 10% instead.

■ 48.5779, -8.8326,
-14.2529

■ 48.5779, -8.8326,
-14.2529

164.5561,
-18.2948, -14.4014

■ 38.7769, -7.8334,
-13.9381

■ 70.2674, -10.8484,
-14.6788

■ 29.7405, -6.8321,
-13.5566

■ 82.0715, -11.8707,
-14.7979

■ 21.5411, -5.8187,
-13.1169

■ 94.4713, -12.9055,
-14.8589

■ 14.2749, -4.7746,
-12.6575

■ 107.4394,
-13.9537, -14.8651

■ 7.9326, -4.8188,
-12.7759

120.9520,
-15.0163, -14.8198

0.0000, NaN, -NF

0.0000, NaN, NaN

134.9878,

-16.0938, -14.7258

0.0000, NaN, NaN

149.5282,
-17.1865, -14.5855

0.0000, NaN, NaN

■ 48.5779, -8.8326,
-14.2529

■ 48.5779, -8.8326,
-14.2529

■ 45.8934, -9.0069,
-18.4863

■ 51.4076, -8.1955,
-10.0749

■ 43.3619, -8.6725,
-22.7613

■ 54.3690, -7.1410,
-5.9652

■ 40.9941, -7.7906,
-27.0542

■ 57.4530, -5.7139,
-1.9280

■ 38.7974, -6.3363,
-31.3365

■ 60.6501, -3.9558,
2.0352

■ 36.7747, -4.3096,
-35.5798

■ 63.9514, -1.9037,
5.9260

■ 35.5022, -2.7576,
-38.4217

■ 67.3491, 0.4092,
9.7475

■ 70.8360, 2.9540,
13.5040

■ 74.4057, 5.7052,
17.2006

■ 78.0525, 8.6410,
20.8423

Harmonies

Analogous

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



48.5788, -15.0887, -7.8987



48.5779, -8.8326, -14.2529



48.5788, -0.4819, -15.7303

Triad

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



48.5788, -8.8329, -14.2520



48.5788, 14.9557, 4.5953



48.5788, -12.2244, 13.5888

Complementary

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



48.5779, -8.8326, -14.2529



47.5294, 9.1511, 16.2367

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.



48.5788, -4.6719, 15.8236



48.5779, -8.8326, -14.2529



48.5788, 11.3055, 11.2516

Square

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



48.5788, -8.8329, -14.2520



48.5788, 13.6487, -3.8492



48.5788, 3.9752, 15.0494



48.5788, -16.9495, 8.3491

Rectangle

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



48.5779, -8.8326, -14.2529



48.5788, 5.2300, -13.5538



48.5788, 3.9752, 15.0494



48.5788, -9.9534, 14.6706

Sweetspot

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



48.5788, -8.8329, -14.2520



77.4546, -7.6696, -2.5272



55.6942, -28.0207, 14.7749



36.2127, -3.8422, -1.7426



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



48.5788, -8.8329, -14.2520



61.9694, -12.1373, -24.6716



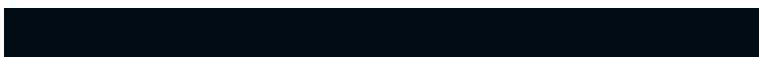
38.6703, 8.0740, -31.3438



28.3763, -2.4322, -0.1467



31.4094, -2.6677, -33.5003



5.7745, -1.7403, -3.4608

Inverse Universe

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



42.3996, 28.4791, -7.5329



52.6280, 47.5817, -12.1311



57.2949, -7.7293, 24.2104



27.6011, 1.6297, 0.3164



26.5838, 48.4611, -5.5782



4.2588, 7.9605, -2.4206

Previews

White Background



This preview shows how the HunterLab color 48.5779, -8.8326, -14.2529 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 48.5779, -8.8326, -14.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

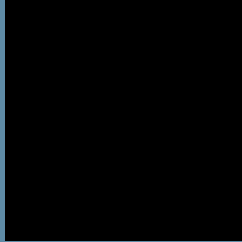
Any Text WCAG AA ✓ Pass

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 48.5779, -8.8326, -14.2529 Background



This preview shows how black text looks on a background with the HunterLab color 48.5779, -8.8326, -14.2529.

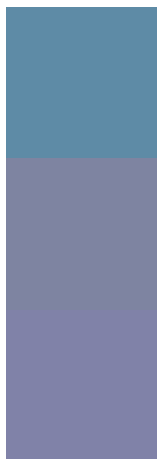


This preview shows how white text looks on a background with the HunterLab color 48.5779, -8.8326, -14.2529.

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

48.5779, -8.8326, -14.2529

Protanopia

48.4885, 0.8766, -11.3357

Deuteranopia

48.3545, 3.8002, -15.5614



Tritanopia

48.5008, -13.1425, -7.1851

Trichromacy



Original Color

48.5779, -8.8326, -14.2529

Protanomaly

48.5280, -3.2136, -12.4882

Deuteranomaly

48.2474, -0.9494, -15.2135

Tritanomaly

48.4241, -11.5198, -9.9692

Monochromacy



Original Color

48.5779, -8.8326, -14.2529

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.3720, -5.7597, -2.9399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5779, -8.8326, -14.2529 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(94, 139, 166)` looks like.

```
.text, #text, p{  
    color:rgb(94, 139, 166)  
}
```

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(94, 139, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 139, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5779, -8.8326, -14.2529 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(94, 139, 166) }
```


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

```
.border{ border-color:rgb(94, 139, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 139, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 139, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 139, 166);  
box-shadow:4px 4px 4px 4px rgb(94, 139,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5779, -8.8326, -14.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 139, 166) }
```

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

```
.background{ background-color: rgb(94, 139,  
166) }
```

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