

Converting Colors

HunterLab(29.5593, -14.7762,
-2.8118)

Have a look what the booklet for
HunterLab(29.5593, -14.7762,
-2.8118) contains.

HunterLab(29.5604, -14.7674, -2.8146)	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(29.5604,
-14.7674, -2.8146)**

Conversions

Conversions Part 1

Format	Color
Hex	115D5D
RGB	17, 93, 93
RGB Percent	7%, 36%, 36%
CMY	0.9333, 0.6353, 0.6353
CMYK	0.82, 0.00, 0.00, 0.64
HSL	180°, 69%, 22%
HSV	180°, 82%, 36%
XYZ	6.1213, 8.7382, 11.7199
YIQ	70.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

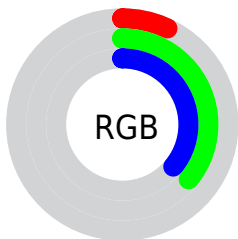
Format	Color
RYB	17, 55, 93
Decimal	1138013
CIELab	35.48, -21.46, -6.39
CIElCh	35, 22.387, 196.575
Yxy	8.7385, 0.2303, 0.3288
Android (android.graphics.Color)	4279328093 (0xFF115D5D)
YUV	70.2760, 11.2029, -46.7231
Hunter-Lab	29.5604, -14.7674, -2.8146

Details

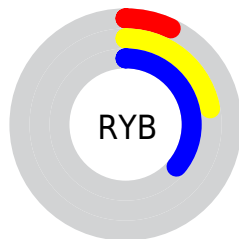
The HunterLab color $29.5604, -14.7674, -2.8146$ is a dark color, and the websafe version is hex 006666 . A complement of this color would be $16.6397, 22.5447, 8.7574$, and the grayscale version is $24.8196, -1.3243, 1.3485$.

A 20% lighter version of the original color is $48.4419, -18.7719, -2.2850$, and $14.6943, -7.6141, -1.9299$ is the 20% darker color. If you saturate the color by 10%, you get $29.4432, -15.2308, -2.9779$, and if you desaturate by 10%, it is $29.7371, -14.0785, -2.5706$.

Distribution



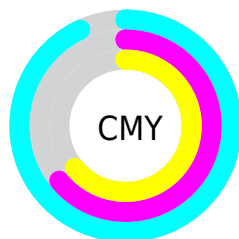
- Red (7%)
- Green (36%)
- Blue (36%)



- Red (7%)
- Yellow (22%)
- Blue (36%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5604, -14.7674, -2.8146 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 29.5604, -14.7674, -2.8146 by changing the saturation by 10% instead.

■ 29.5604, -14.7674,
-2.8146

■ 29.5604, -14.7674,
-2.8146

■ 134.6904,
-30.4771, 0.3214

■ 21.3799, -12.6978,
-2.8743

■ 48.3673, -18.5625,
-2.4777

■ 14.1345, -10.4282,
-2.8461

■ 58.8649, -20.3540,
-2.2180

■ 7.7860, -12.4246,
-3.0304

■ 70.0282, -22.1004,
-1.9054

0.0000, NaN, NaN

■ 81.8196, -23.8135,
-1.5443

0.0000, NaN, NaN

■ 94.2072, -25.5020,
-1.1383

0.0000, NaN, NaN

■ 107.1638,

0.0000, NaN, NaN

-27.1723, -0.6904

0.0000, NaN, NaN

120.6652,
-28.8293, -0.2031

29.5604, -14.7674,
-2.8146

29.5604, -14.7674,
-2.8146

29.4432, -15.2308,
-2.9779

29.7371, -14.0785,
-2.5706

29.3586, -15.5647,
-3.0959

29.9788, -13.1404,
-2.2388

30.2903, -11.9438,
-1.8153

30.6745, -10.4865,
-1.2992

31.1333, -8.7724,
-0.6916

■ 31.6674, -6.8106,
0.0044

■ 32.2768, -4.6143,
0.7844

■ 32.9608, -2.1999,
1.6430

■ 33.7181, 0.4141,
2.5737

Harmonies

Analogous

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



29.5610, -14.9434, 4.7694



29.5604, -14.7674, -2.8146



29.5610, -11.3074, -10.9182

Triad

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



29.5610, -14.7675, -2.8142



29.5610, 10.2745, -10.1388



29.5610, 2.0290, 12.4913

Complementary

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



29.5604, -14.7674, -2.8146



16.6397, 22.5447, 8.7574

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.



29.5610, 9.5972, 10.2934



29.5604, -14.7674, -2.8146



29.5610, 14.6841, -1.9440

Square

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



29.5610, -14.7675, -2.8142



29.5610, 2.8777, -15.8483



29.5610, 14.4239, 5.4395



29.5610, -5.7862, 12.3737

Rectangle

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



29.5604, -14.7674, -2.8146



29.5610, -7.3753, -14.9458



29.5610, 14.4239, 5.4395



29.5610, 4.7017, 12.0298

Sweetspot

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



29.5610, -14.7675, -2.8142



41.1307, -9.9843, -0.3758



28.2855, -22.5513, 15.9225



20.5137, -5.2982, -0.2942



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.5610, -14.7675, -2.8142



38.4249, -20.2810, -4.0217



19.4015, -0.5147, -19.7022



16.1879, -1.9623, 0.5113



34.9208, -18.5136, -3.6824



81.7180, -43.3236, -8.6172

Inverse Universe

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



16.6397, 22.5447, 8.7574



20.0989, 33.7807, 12.7730



22.3196, 8.3059, 12.4893



15.3238, 0.3429, 1.2215



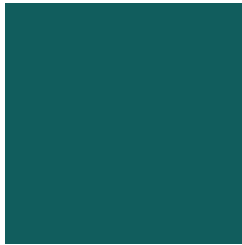
18.1455, 31.0747, 11.7251



42.4622, 72.7178, 27.4379

Previews

White Background



This preview shows how the HunterLab color 29.5604, -14.7674, -2.8146 looks on a white 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

Black Background



This preview shows how the HunterLab color 29.5604, -14.7674, -2.8146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

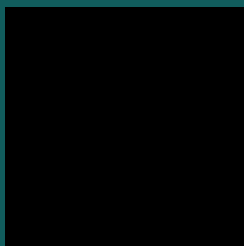
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.5604, -14.7674, -2.8146 Background



This preview shows how black text looks on a background with the HunterLab color 29.5604, -14.7674, -2.8146.



This preview shows how white text looks on a background with the HunterLab color 29.5604,

-14.7674, -2.8146.

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

29.5604, -14.7674, -2.8146

Protanopia

29.5964, -0.7116, 0.1614

Deuteranopia

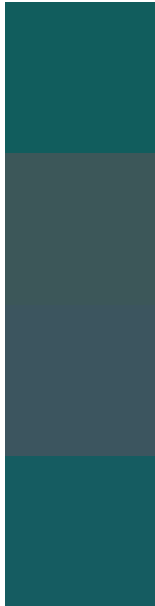
29.4290, 1.8754, -4.1282



Tritanopia

29.5589, -12.8829, -5.6890

Trichromacy



Original Color

29.5604, -14.7674, -2.8146

Protanomaly

29.1519, -7.6958, -1.3936

Deuteranomaly

28.7817, -5.8540, -4.6697

Tritanomaly

29.4564, -13.4078, -4.8472

Monochromacy



Original Color

29.5604, -14.7674, -2.8146

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

25.8895, -7.6286, -0.6871

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5604, -14.7674, -2.8146 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(17, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(17, 93, 93)  
}
```

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(17, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 93, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5604, -14.7674, -2.8146 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(17, 93, 93) }
```


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

```
.border{ border-color:rgb(17, 93, 93) }
```

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

Here you see how a box with a 4 pixel rgb(17, 93, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(17, 93, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.5604, -14.7674, -2.8146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 93, 93) }
```

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

```
.background{ background-color: rgb(17, 93,  
93) }
```

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