

Converting Colors

HunterLab(25.9886, -20.9304,
-6.2906)

Have a look what the booklet for
HunterLab(25.9886, -20.9304,
-6.2906) contains.

HunterLab(27.7806, -14.3357, -3.7767)	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(27.7806,
-14.3357, -3.7767)**

Conversions

Conversions Part 1

Format	Color
Hex	00585A
RGB	0, 88, 90
RGB Percent	0%, 35%, 35%
CMY	1.0000, 0.6549, 0.6471
CMYK	1.00, 0.02, 0.00, 0.65
HSL	181°, 100%, 18%
HSV	181°, 100%, 35%
XYZ	5.3352, 7.7176, 10.8813
YIQ	61.9160, -53.0900, -18.0340

Conversions

Conversions Part 2

Format	Color
RYB	0, 44, 90
Decimal	22618
CIELab	33.39, -21.43, -7.66
CIELCh	33, 22.762, 199.665
Yxy	7.7179, 0.2229, 0.3225
Android (android.graphics.Color)	4278212698 (0xFF00585A)
YUV	61.9160, 13.8454, -54.3003
Hunter-Lab	27.7806, -14.3357, -3.7767

Details

The HunterLab color **27.7806, -14.3357, -3.7767** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **14.8905, 24.7486, 9.6079**, and the grayscale version is **21.8868, -1.1678, 1.1892**.

A 20% lighter version of the original color is **46.1512, -18.0844, -3.7528**, and **13.5845, -6.6697, -2.5815** is the 20% darker color. If you saturate the color by 10%, you get **27.7810, -14.3360, -3.7765**, and if you desaturate by 10%, it is **27.9443, -13.9969, -3.5492**.

Distribution



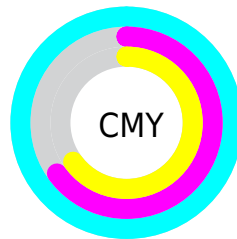
- Red (0%)
- Green (35%)
- Blue (35%)



- Red (0%)
- Yellow (17%)
- Blue (35%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7806, -14.3357, -3.7767 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 27.7806, -14.3357, -3.7767 by changing the saturation by 10% instead.

27.7806, -14.3357,
-3.7767

27.7806, -14.3357,
-3.7767

131.7203,
-30.1104, -1.2232

19.7863, -12.2336,
-3.7512

46.2640, -18.1661,
-3.5939

12.7519, -9.9101,
-3.6323

56.6172, -19.9676,
-3.4044

6.1246, -10.7181,
-4.8510

67.6448, -21.7210,
-3.1584

0.0000, NaN, NaN

79.3078, -23.4391,
-2.8606

0.0000, NaN, NaN

91.5734, -25.1309,
-2.5151

0.0000, NaN, NaN

104.4133,

0.0000, NaN, NaN

-26.8035, -2.1252

0.0000, NaN, NaN

117.8028,
-28.4619, -1.6938

27.7806, -14.3357,
-3.7767

27.7806, -14.3357,
-3.7767

27.7810, -14.3360,
-3.7765

27.9443, -13.9969,
-3.5492

28.1289, -13.5761,
-3.2934

28.3723, -12.9291,
-2.9573

28.6794, -12.0413,
-2.5360

29.0537, -10.9064,
-2.0279

■ 29.4973, -9.5247,
-1.4334

■ 30.0115, -7.9019,
-0.7551

■ 30.5964, -6.0480,
0.0031

■ 31.2516, -3.9767,
0.8361

Harmonies

Analogous

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



27.7811, -14.8480, 3.9706



27.7806, -14.3357, -3.7767



27.7811, -10.6081, -11.8369

Triad

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



27.7811, -14.3357, -3.7763



27.7811, 11.0060, -9.5004



27.7811, 1.2809, 12.2666

Complementary

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



27.7806, -14.3357, -3.7767



14.8905, 24.7486, 9.6079

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.



27.7811, 8.9949, 10.3934



27.7806, -14.3357, -3.7767



27.7811, 15.0095, -1.1937

Square

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



27.7811, -14.3357, -3.7763



27.7811, 3.7894, -15.7266



27.7811, 14.2351, 5.9299



27.7811, -6.3909, 11.9326

Rectangle

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



27.7806, -14.3357, -3.7767



27.7811, -6.5450, -15.6367



27.7811, 14.2351, 5.9299



27.7811, 3.9678, 11.9004

Sweetspot

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



27.7811, -14.3357, -3.7763



39.6242, -10.6756, -1.0915



27.0477, -23.1493, 16.1665



19.3903, -5.5347, -0.6555



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



27.7811, -14.3357, -3.7763



36.7195, -18.9313, -5.0289



15.8205, 3.0925, -26.4484



16.1633, -1.9232, 0.4826



34.1735, -17.6225, -4.6720



79.8559, -41.1024, -11.0847

Inverse Universe

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



16.9660, 33.2052, -21.2296



22.4355, 43.9071, -28.0267



20.4140, 9.8611, 12.7510



15.4324, 0.9275, -0.3248



20.8773, 40.8592, -26.0911



48.8363, 95.5495, -60.8133

Previews

White Background



This preview shows how the HunterLab color 27.7806, -14.3357, -3.7767 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 27.7806, -14.3357, -3.7767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

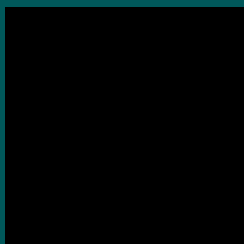
Any Text WCAG AA × Fail

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 27.7806, -14.3357, -3.7767 Background



This preview shows how black text looks on a background with the HunterLab color 27.7806, -14.3357, -3.7767.



This preview shows how white text looks on a background with the HunterLab color 27.7806,

-14.3357, -3.7767.

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

27.7806, -14.3357, -3.7767

Protanopia

27.8409, -0.3211, -0.7123

Deuteranopia

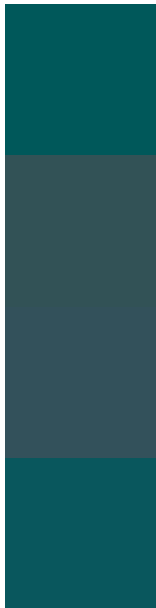
27.9033, 1.6673, -4.2914



Tritanopia

27.7811, -12.5735, -5.7018

Trichromacy



Original Color

27.7806, -14.3357, -3.7767

Protanomaly

27.1746, -8.0623, -2.6052

Deuteranomaly

27.0998, -6.6131, -5.0712

Tritanomaly

27.6853, -13.0100, -5.3461

Monochromacy



Original Color

27.7806, -14.3357, -3.7767

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

23.2501, -7.9849, -1.4475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7806, -14.3357, -3.7767 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(0, 88, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 90)  
}
```

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(0, 88, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7806, -14.3357, -3.7767 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(0, 88, 90) }
```


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

```
.border{ border-color:rgb(0, 88, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 88, 90); box-shadow:4px  
4px 4px 4px rgb(0, 88, 90) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.7806, -14.3357, -3.7767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 90) }
```

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

```
.background{ background-color: rgb(0, 88,  
90) }
```

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