

# Converting Colors

HunterLab(28.0102, -13.1855,  
-5.3866)

Have a look what the booklet for  
HunterLab(28.0102, -13.1855,  
-5.3866) contains.

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# Color

**HunterLab(28.0101,  
-13.1856, -5.3866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09585E
RGB	9, 88, 94
RGB Percent	4%, 35%, 37%
CMY	0.9647, 0.6549, 0.6314
CMYK	0.90, 0.06, 0.00, 0.63
HSL	184°, 83%, 20%
HSV	184°, 90%, 37%
XYZ	5.6227, 7.8457, 11.8076
YIQ	65.0630, -49.0100, -14.8820

# Conversions

## Conversions Part 2

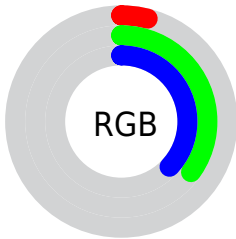
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 50, 94
Decimal	612446
CIE <sub>Lab</sub>	33.66, -19.23, -9.75
CIE <sub>LCh</sub>	34, 21.559, 206.901
Yxy	7.8459, 0.2225, 0.3104
Android (android.graphics.Color)	4278802526 (0xFF09585E)
YUV	65.0630, 14.2659, -49.1673
Hunter-Lab	28.0101, -13.1856, -5.3866

# Details

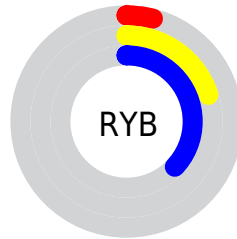
The HunterLab color **28.0101, -13.1856, -5.3866** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.5569, 23.1669, 9.6815**, and the grayscale version is **22.9786, -1.2261, 1.2485**.

A 20% lighter version of the original color is **46.4417, -16.7208, -5.3608**, and **13.6723, -6.1519, -3.8090** is the 20% darker color. If you saturate the color by 10%, you get **27.7198, -13.3615, -5.8036**, and if you desaturate by 10%, it is **28.3369, -12.9150, -4.9222**.

# Distribution



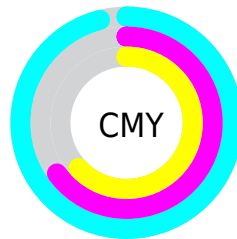
- Red (4%)
- Green (35%)
- Blue (37%)



- Red (4%)
- Yellow (20%)
- Blue (37%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (63%)



- Cyan (96%)
- Magenta (65%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0101, -13.1856, -5.3866 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 28.0101, -13.1856, -5.3866 by changing the saturation by 10% instead.



■ 28.0101, -13.1856,  
-5.3866

■ 28.0101, -13.1856,  
-5.3866

■ 132.1055,  
-27.8517, -3.5986

■ 19.9913, -11.2725,  
-5.2600

■ 46.5359, -16.7013,  
-5.3970

■ 12.9291, -9.1731,  
-5.0413

■ 56.9080, -18.3666,  
-5.2987

■ 6.3654, -11.1394,  
-6.0881

■ 67.9533, -19.9938,  
-5.1402

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.6332, -21.5938,  
-4.9267

0.0000, NaN, NaN

■ 91.9147, -23.1744,  
-4.6624

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7699,

-24.7415, -4.3511

0.0000, NaN, NaN

118.1740,  
-26.2994, -3.9956

28.0101, -13.1856,  
-5.3866

28.0101, -13.1856,  
-5.3866

27.7198, -13.3615,  
-5.8036

28.3369, -12.9150,  
-4.9222

28.7261, -12.4043,  
-4.3734

29.1827, -11.6398,  
-3.7366

29.7096, -10.6171,  
-3.0125

30.3083, -9.3387,  
-2.2036

■ 30.9794, -7.8124,  
-1.3147

■ 31.7222, -6.0502,  
-0.3515

■ 32.5357, -4.0672,  
0.6794

■ 33.4182, -1.8804,  
1.7711

# Harmonies

## Analogous

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



28.0106, -14.4404, 2.2532



28.0101, -13.1856, -5.3866



28.0106, -8.9140, -12.5014

# Triad

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



28.0106, -13.1856, -5.3862



28.0106, 11.5763, -7.0072



28.0106, -0.7155, 12.0222

# Complementary

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



28.0101, -13.1856, -5.3866



16.5569, 23.1669, 9.6815

# 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.



28.0106, 6.7844, 10.7235



28.0101, -13.1856, -5.3866



28.0106, 14.3322, 0.7761

# Square

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



28.0106, -13.1856, -5.3862



28.0106, 5.3011, -13.5966



28.0106, 12.4937, 7.0275



28.0106, -7.7012, 11.1754



# Rectangle

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



28.0101, -13.1856, -5.3866



28.0106, -4.6767, -15.3085



28.0106, 12.4937, 7.0275



28.0106, 1.8331, 11.8326

# Sweetspot

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



28.0106, -13.1856, -5.3862



41.2377, -9.7658, -1.4202



28.4556, -23.4545, 16.2070



20.0896, -5.0071, -0.8216



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.



28.0106, -13.1856, -5.3862



36.6002, -17.5819, -7.7928



16.7561, 3.7416, -27.0804



16.1100, -1.8379, 0.4199



32.5627, -15.6634, -6.8877



75.8455, -36.2160, -16.6203



# Inverse Universe

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



18.1104, 32.1299, -18.5044



23.1868, 44.9241, -25.4505



23.1141, 6.9443, 13.7008



15.4268, 0.8973, -0.2449



20.6158, 39.9497, -22.6819



48.1866, 93.2894, -52.3381



# Previews

## White Background



This preview shows how the HunterLab color 28.0101, -13.1856, -5.3866 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 28.0101, -13.1856, -5.3866 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

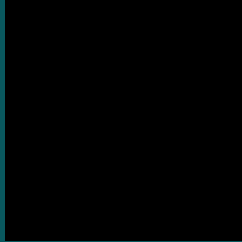
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

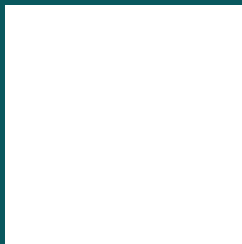
Any Text WCAG AAA × Fail

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

## HunterLab 28.0101, -13.1856, -5.3866 Background



This preview shows how black text looks on a background with the HunterLab color 28.0101, -13.1856, -5.3866.



This preview shows how white text looks on a background with the HunterLab color 28.0101, -13.1856, -5.3866.

-13.1856, -5.3866.

# 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

28.0101, -13.1856, -5.3866

### Protanopia

28.1358, -0.3915, -2.1252

### Deuteranopia

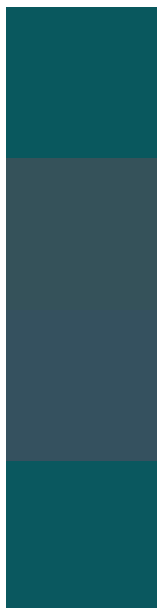
27.8783, 1.8408, -6.3246



## Tritanopia

28.0657, -12.9051, -5.8034

# Trichromacy



## Original Color

28.0101, -13.1856, -5.3866

## Protanomaly

27.4402, -6.8372, -4.1113

## Deuteranomaly

27.3276, -5.5217, -6.7467

## Tritanomaly

28.0539, -12.9509, -5.8211

# Monochromacy



## Original Color

28.0101, -13.1856, -5.3866

## Achromatopsia

22.9914, -1.2268, 1.2492

## Achromatomaly

24.1760, -7.0949, -1.9955

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.0101, -13.1856, -5.3866 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(9, 88, 94)` looks like.

```
.text, #text, p{  
    color:rgb(9, 88, 94)  
}
```

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(9, 88, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 88, 94) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.0101, -13.1856, -5.3866 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(9, 88, 94) }
```



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

```
.border{ border-color:rgb(9, 88, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 88, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 88, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 88, 94); box-shadow:4px  
4px 4px 4px rgb(9, 88, 94) }
```

# Background

The CSS property to change the background color of an element to HunterLab 28.0101, -13.1856, -5.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 88, 94) }
```

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

```
.background{ background-color: rgb(9, 88,  
94) }
```

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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