

Converting Colors

Hex(256176)

Have a look what the booklet for
Hex(256176) contains.

Hex(256176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(256176)

Conversions

Conversions Part 1

Format	Color
Hex	256176
RGB	37, 97, 118
RGB Percent	15%, 38%, 46%
CMY	0.8549, 0.6196, 0.5373
CMYK	0.69, 0.18, 0.00, 0.54
HSL	196°, 52%, 30%
HSV	196°, 69%, 46%
XYZ	8.3077, 10.2507, 18.6803
YIQ	81.4540, -42.5010, -6.1890

Conversions

Conversions Part 2

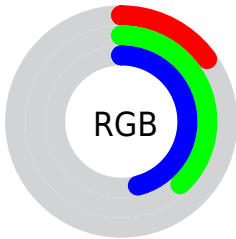
Format	Color
RYB	37, 71, 118
Decimal	2449782
CIELab	38.29, -12.11, -17.53
CIElCh	38, 21.305, 235.371
Yxy	10.2507, 0.2231, 0.2753
Android (android.graphics.Color)	4280639862 (0xFF256176)
YUV	81.4540, 18.0172, -38.9862
Hunter-Lab	32.0167, -9.7123, -12.1812

Details

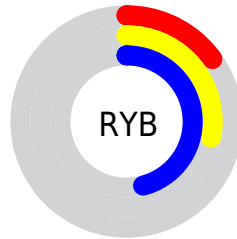
The Hex color **256176** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **763A25**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5C94AA**, and **003346** is the 20% darker color. If you saturate the color by 10%, you get **195E76**, and if you desaturate by 10%, it is **316476**.

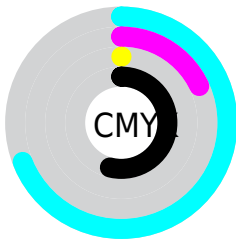
Distribution



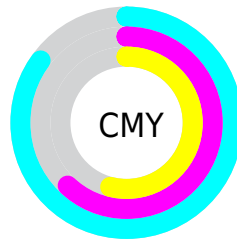
- Red (15%)
- Green (38%)
- Blue (46%)



- Red (15%)
- Yellow (28%)
- Blue (46%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (54%)



- Cyan (85%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256176 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 Hex color 256176 by changing the saturation by 10% instead.

■ 256176

■ 256176

FFFFFF

■ 00495D

■ 5C94AA

■ 003346

■ 77AEC5

■ 001E2F

■ 92CAE2

■ 00011B

■ AEE6FE

■ 000000

■ CAFFFF

■ E7FFFF

■ 256176

■ 256176

■ 195E76

■ 316476

■ 0D5B76

■ 3D6776

■ 025876

■ 486A76

■ 005776

■ 546D76

■ 607076

■ 6C7376

■ 787676

■ 837976

■ 8F7D76

Harmonies

Analogous

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



1E6368



256176



3E5D7C

Triad

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



256176



7A4D5E



575E3B

Complementary

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



256176



763A25

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.



685838



256176



7C4E4C

Square

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



256176



6D516E



76523E



436146

Rectangle

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



256176



50597B



76523E



5D5C39

Sweetspot

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



256176



799199



257639



39484D



CCCCCC



4D4D4D

Same Dimension

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



256176



1C7899



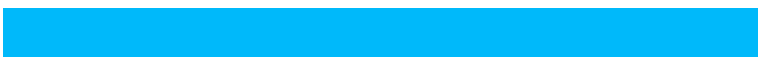
253976



35393B



005B7A



00B9FA

Inverse Universe

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



762561



991C78



766225



3B3539



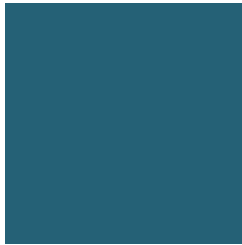
7A005B



FA00B9

Previews

White Background



This preview shows how the Hex color 256176 looks on a white background.

Color Contrast Check

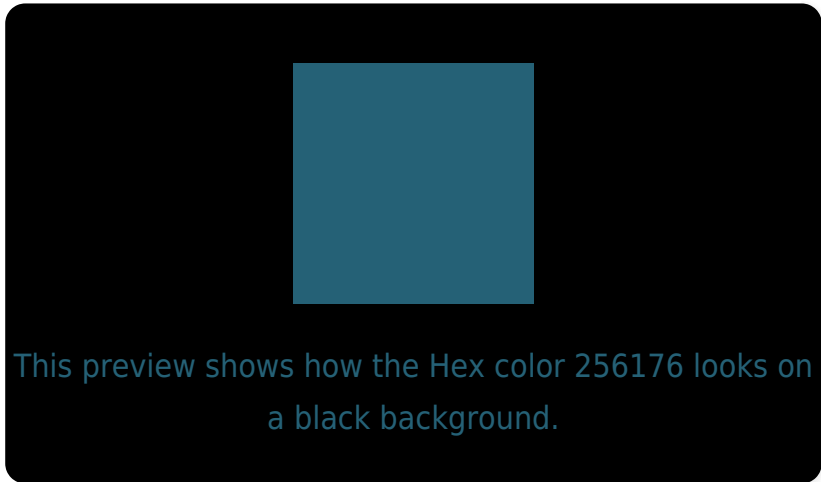
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

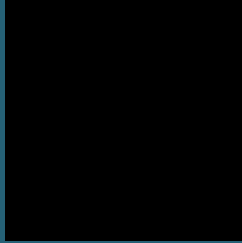
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 256176 Background



This preview shows how black text looks on a background with the Hex color 256176.

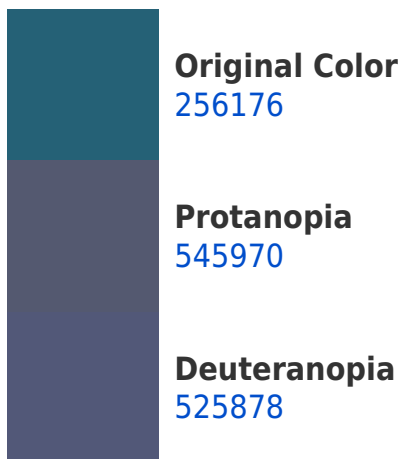


This preview shows how white text looks on a background with the Hex color 256176.

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](#).

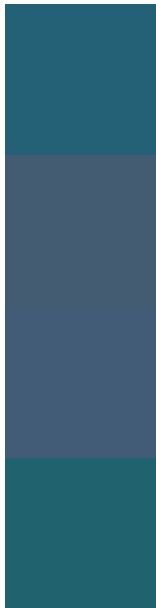
Dichromacy





Tritanopia
1E636B

Trichromacy



Original Color
256176

Protanomaly
435C72

Deuteranomaly
425B77

Tritanomaly
21626F

Monochromacy



Original Color
256176

Achromatopsia
515151

Achromatomaly
41575E

CSS Examples

Text

The CSS property to change the color of the text to Hex 256176 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 #256176 looks like.

```
.text, #text, p{  
    color:#256176  
}
```

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 #256176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256176
}
```

Border

The CSS property to change the border of an element to Hex 256176 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
#256176 }
```

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

```
.border{ border-color:#256176 }
```

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

Here you see how a box with a 4 pixel #256176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256176; -webkit-box-shadow:4px 4px  
4px 4px #256176; box-shadow:4px 4px 4px  
4px #256176 }
```

Background

The CSS property to change the background color of an element to Hex 256176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256176 }
```

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

```
.background{ background-color:#256176 }
```

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