

# Converting Colors

Hex(256172)

Have a look what the booklet for  
Hex(256172) contains.

<b>Hex(256172)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(256172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	256172
RGB	37, 97, 114
RGB Percent	15%, 38%, 45%
CMY	0.8549, 0.6196, 0.5529
CMYK	0.68, 0.15, 0.00, 0.55
HSL	193°, 51%, 30%
HSV	193°, 68%, 45%
XYZ	8.0749, 10.1576, 17.4546
YIQ	80.9980, -41.2170, -7.4330

# Conversions

## Conversions Part 2

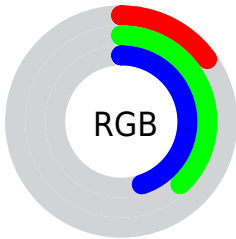
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 71, 114
Decimal	2449778
CIELab	38.12, -13.49, -15.33
CIElCh	38, 20.418, 228.655
Yxy	10.1576, 0.2263, 0.2846
Android (android.graphics.Color)	4280639858 (0xFF256172)
YUV	80.9980, 16.2700, -38.5862
Hunter-Lab	31.8710, -10.5491, -10.1613

# Details

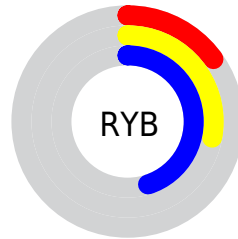
The Hex color **256172** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **723625**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5C94A6**, and **003242** is the 20% darker color. If you saturate the color by 10%, you get **1A5E72**, and if you desaturate by 10%, it is **306472**.

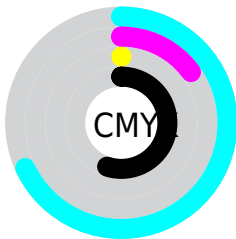
# Distribution



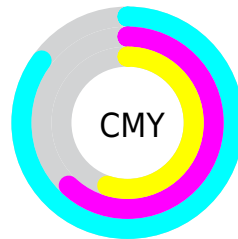
- Red (15%)
- Green (38%)
- Blue (45%)



- Red (15%)
- Yellow (28%)
- Blue (45%)



- Cyan (68%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (62%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 256172 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 256172 by changing the saturation by 10% instead.



■ 256172

■ 256172

FFFFFF

■ 004959

■ 5C94A6

■ 003242

■ 76AEC1

■ 001E2C

■ 92CADD

■ 000118

■ ADE6FA

■ 000000

■ C9FFFF

■ E6FFFF

■ 256172

■ 256172

■ 1A5E72

■ 306472

■ 0E5C72

■ 3C6672

■ 035972

■ 476972

■ 005972

■ 536B72

■ 5E6E72

■ 697072

■ 757372

■ 807572

■ 8C7872

# Harmonies

## Analogous

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



246364



256172



3A5D7A

# Triad

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



256172



764E61



5B5C3A

# Complementary

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



256172



723625

# 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.



6B5739



256172



7B4E50

# Square

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



256172



695270



765142



486043

# Rectangle

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



256172



4B5A7A



765142



605A39



# Sweetspot

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



256172



768D94



257236



38464A



C9C9C9



4A4A4A



# Same Dimension

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



256172



1C7994



253B72



323738



005D78



00C1F7



# Inverse Universe

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



722561



941C79



725C25



383237



78005D

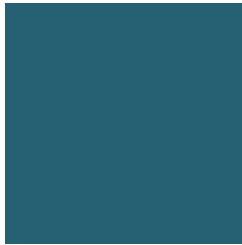


F700C1



# Previews

## White Background



This preview shows how the Hex color 256172 looks on a white background.

## Color Contrast Check

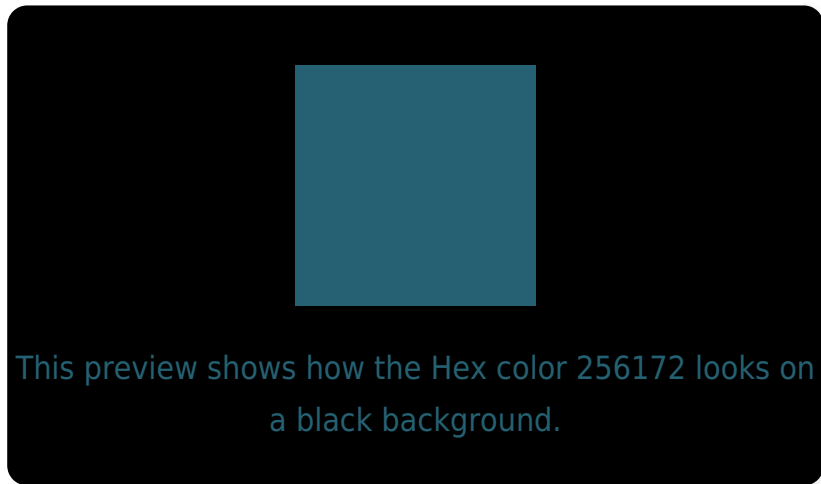
Large Text (above 18pt) WCAG AA ✓ Pass

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

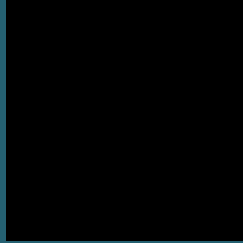
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

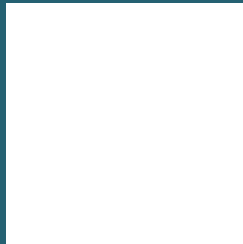
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 256172 Background



This preview shows how black text looks on a background with the Hex color 256172.

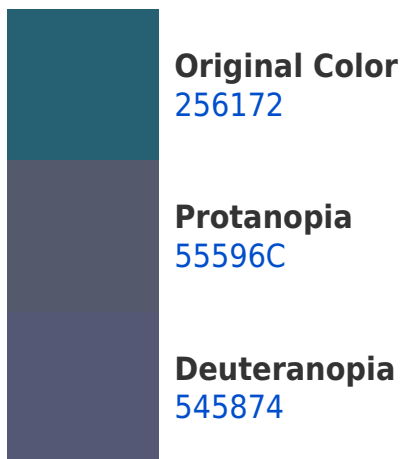



This preview shows how white text looks on a background with the Hex color 256172.

# 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](#).

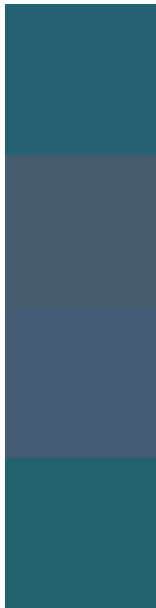
## Dichromacy





**Tritanopia**  
21626A

# Trichromacy



**Original Color**  
256172

**Protanomaly**  
445C6E

**Deuteranomaly**  
435B73

**Tritanomaly**  
22626D

# Monochromacy



**Original Color**  
256172

**Achromatopsia**  
515151

**Achromatomaly**  
41575D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 256172 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 #256172 looks like.

```
.text, #text, p{  
    color:#256172  
}
```

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 #256172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256172
}
```

## Border

The CSS property to change the border of an element to Hex 256172 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
#256172 }
```

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

```
.border{ border-color:#256172 }
```

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

Here you see how a box with a 4 pixel #256172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256172; -webkit-box-shadow:4px 4px  
4px 4px #256172; box-shadow:4px 4px 4px  
4px #256172 }
```

# Background

The CSS property to change the background color of an element to Hex 256172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256172 }
```

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

```
.background{ background-color:#256172 }
```

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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