

# Converting Colors

Hex(206167)

Have a look what the booklet for  
Hex(206167) contains.

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# Color

**Hex(206167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	206167
RGB	32, 97, 103
RGB Percent	13%, 38%, 40%
CMY	0.8745, 0.6196, 0.5961
CMYK	0.69, 0.06, 0.00, 0.60
HSL	185°, 53%, 26%
HSV	185°, 69%, 40%
XYZ	7.3185, 9.8357, 14.3447
YIQ	78.2490, -40.6660, -11.9140

# Conversions

## Conversions Part 2

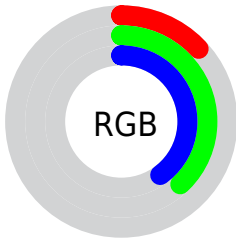
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 66, 103
Decimal	2122087
CIELab	37.55, -18.09, -9.45
CIELCh	38, 20.405, 207.578
Yxy	9.8357, 0.2323, 0.3123
Android (android.graphics.Color)	4280312167 (0xFF206167)
YUV	78.2490, 12.2022, -40.5604
Hunter-Lab	31.3620, -13.2292, -5.1654

# Details

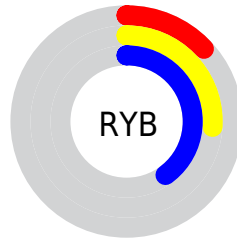
The Hex color **206167** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **672620**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **57949A**, and **003238** is the 20% darker color. If you saturate the color by 10%, you get **166067**, and if you desaturate by 10%, it is **2A6267**.

# Distribution



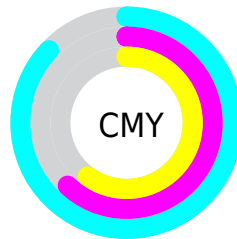
- Red (13%)
- Green (38%)
- Blue (40%)



- Red (13%)
- Yellow (26%)
- Blue (40%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 206167 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 206167 by changing the saturation by 10% instead.





206167



206167

FFFFFF



00494F



57949A



003238



71AFB5



001E23



8CCAD0



00000D



A8E6ED



000000



C4FFFF



E1FFFF



FEFFFF



206167



206167

■ 166067

■ 2A6267

■ 0B5F67

■ 356367

■ 015E67

■ 3F6467

■ 005E67

■ 496467

■ 546567

■ 5E6667

■ 686767

■ 726867

■ 7D6967

# Harmonies

## Analogous

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



2D6156



206167



285F74

# Triad

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



206167



6C4F6A



655737

# Complementary

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



206167



672620

# 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.



72513D



206167



774C5A

# Square

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



206167



595575



794D4A



545C3B

# Rectangle

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



206167



375C78



794D4A



6A5538



# Sweetspot

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



206167



6B8587



206726



344345



C4C4C4



454545



# Same Dimension

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



206167



177E87



203E67



2E3333



006973



00DEF2



# Inverse Universe

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



672061



87177E



674920



332E33



730069

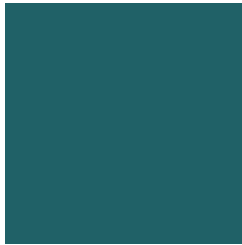


F200DE



# Previews

## White Background



This preview shows how the Hex color 206167 looks on a white background.

## Color Contrast Check

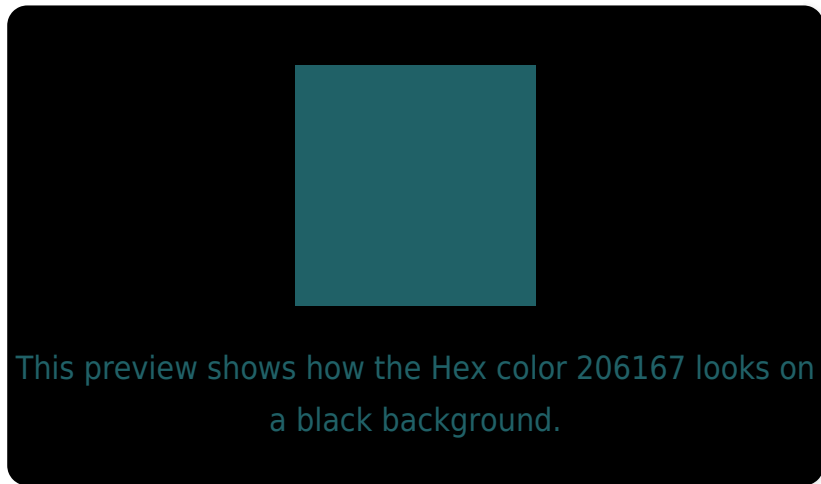
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

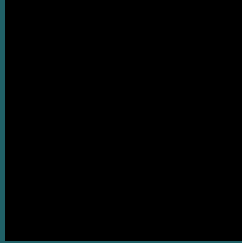
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

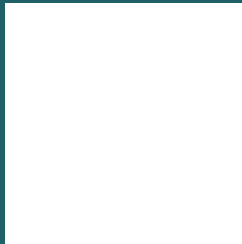
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 206167 Background



This preview shows how black text looks on a background with the Hex color 206167.

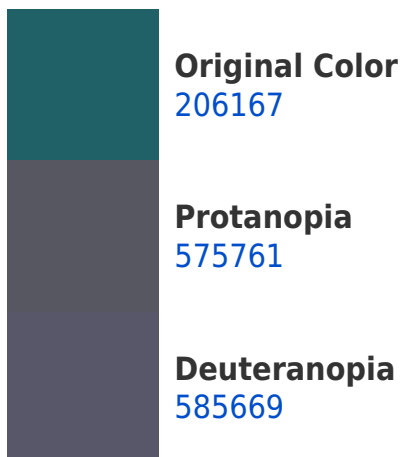


This preview shows how white text looks on a background with the Hex color 206167.

# 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](#).

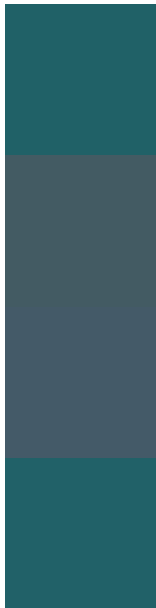
## Dichromacy





**Tritanopia**  
216169

# Trichromacy



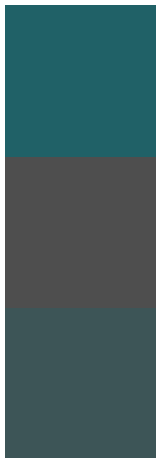
**Original Color**  
206167

**Protanomaly**  
435B63

**Deuteranomaly**  
445A68

**Tritanomaly**  
216168

# Monochromacy



**Original Color**  
206167

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3D5557

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 206167 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 #206167 looks like.

```
.text, #text, p{  
    color:#206167  
}
```

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 #206167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206167  
}
```

## Border

The CSS property to change the border of an element to Hex 206167 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  
#206167 }
```

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

```
.border{ border-color:#206167 }
```

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

Here you see how a box with a 4 pixel #206167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206167; -webkit-box-shadow:4px 4px  
4px 4px #206167; box-shadow:4px 4px 4px  
4px #206167 }
```

# Background

The CSS property to change the background color of an element to Hex 206167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206167 }
```

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

```
.background{ background-color:#206167 }
```

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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