

# Converting Colors

Hex(206666)

Have a look what the booklet for  
Hex(206666) contains.

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# Color

**Hex(206666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	206666
RGB	32, 102, 102
RGB Percent	13%, 40%, 40%
CMY	0.8745, 0.6000, 0.6000
CMYK	0.69, 0.00, 0.00, 0.60
HSL	180°, 52%, 26%
HSV	180°, 69%, 40%
XYZ	7.7453, 10.7691, 14.2408
YIQ	81.0700, -41.7200, -14.8400

# Conversions

## Conversions Part 2

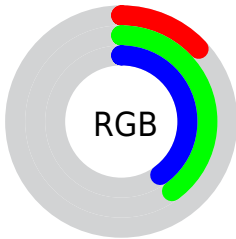
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 67, 102
Decimal	2123366
CIE <sub>Lab</sub>	39.19, -21.11, -6.37
CIE <sub>LCh</sub>	39, 22.050, 196.784
Yxy	10.7691, 0.2365, 0.3288
Android (android.graphics.Color)	4280313446 (0xFF206666)
YUV	81.0700, 10.3185, -43.0344
Hunter-Lab	32.8163, -15.2991, -2.7577

# Details

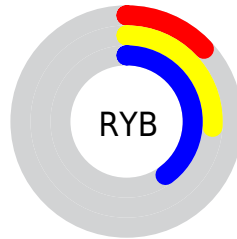
The Hex color **206666** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **662020**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **579999**, and **003737** is the 20% darker color. If you saturate the color by 10%, you get **166666**, and if you desaturate by 10%, it is **2A6666**.

# Distribution



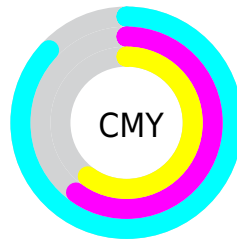
- Red (13%)
- Green (40%)
- Blue (40%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 206666 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 206666 by changing the saturation by 10% instead.



 206666

 206666

FFFFFF

 004E4E

 579999

 003737

 72B4B4

 002122

 8DD0CF

 00000C

 A9ECEB

 000000

 C5FFFF

 E2FFFF

 206666

 206666

 166666

 2A6666

0C6666

346666

016666

3F6666

006666

496666

536666

5D6666

676666

726666

7C6666

# Harmonies

## Analogous

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



346554



206666



1F6476

# Triad

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



206666



6B5475



70583A

# Complementary

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



206666



662020

# 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.



7C5343



206666



7A4F65

# Square

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



206666



535B7E



804F53



5E5E3A

# Rectangle

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



206666



2D627D



804F53



74563C



# Sweetspot

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



206666



698585



206620



324242



C2C2C2



424242



# Same Dimension

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



206666



188585



204366



2E3333



007373



00F2F2



# Inverse Universe

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



662066



851885



664320



332E33



730073

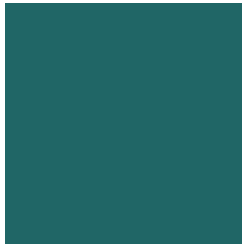


F200F2



# Previews

## White Background



This preview shows how the Hex color 206666 looks on a white background.

## Color Contrast Check

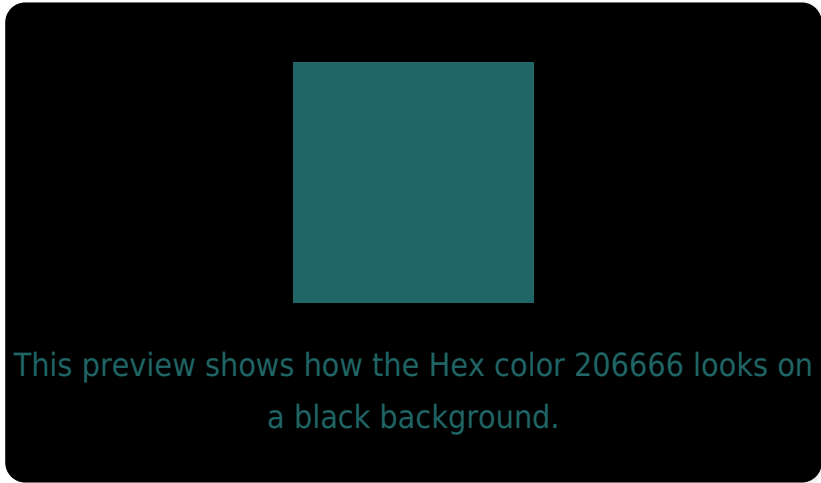
Large Text (above 18pt) WCAG AA ✓ Pass

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

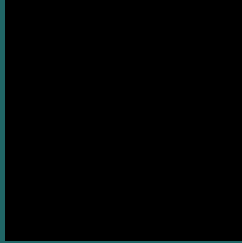
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 206666 Background



This preview shows how black text looks on a background with the Hex color 206666.

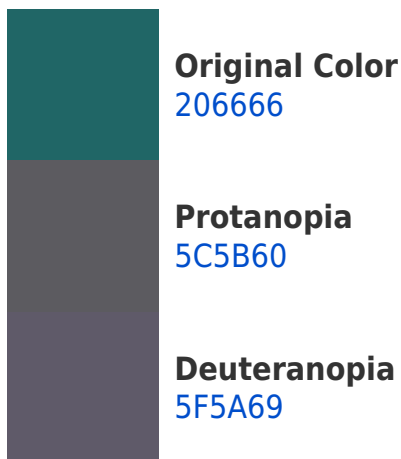



This preview shows how white text looks on a background with the Hex color 206666.

# 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](#).

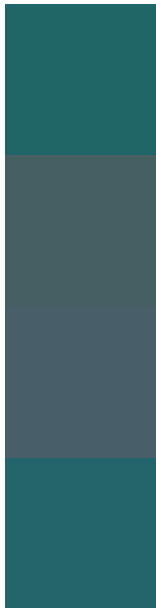
## Dichromacy





**Tritanopia**  
24656D

# Trichromacy



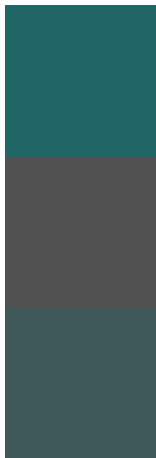
**Original Color**  
206666

**Protanomaly**  
465F62

**Deuteranomaly**  
485E68

**Tritanomaly**  
23656A

# Monochromacy



**Original Color**  
206666

**Achromatopsia**  
515151

**Achromatomaly**  
3F5959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 206666 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 #206666 looks like.

```
.text, #text, p{  
    color:#206666  
}
```

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 #206666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206666
}
```

## Border

The CSS property to change the border of an element to Hex 206666 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
#206666 }
```

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

```
.border{ border-color:#206666 }
```

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

Here you see how a box with a 4 pixel #206666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206666; -webkit-box-shadow:4px 4px  
4px 4px #206666; box-shadow:4px 4px 4px  
4px #206666 }
```

# Background

The CSS property to change the background color of an element to Hex 206666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206666 }
```

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

```
.background{ background-color:#206666 }
```

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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