

Converting Colors

Hex(206E60)

Have a look what the booklet for
Hex(206E60) contains.

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Color

Hex(206E60)

Conversions

Conversions Part 1

Format	Color
Hex	206E60
RGB	32, 110, 96
RGB Percent	13%, 43%, 38%
CMY	0.8745, 0.5686, 0.6235
CMYK	0.71, 0.00, 0.13, 0.57
HSL	169°, 55%, 28%
HSV	169°, 71%, 43%
XYZ	8.2829, 12.3035, 13.0046
YIQ	85.0820, -41.9940, -20.8900

Conversions

Conversions Part 2

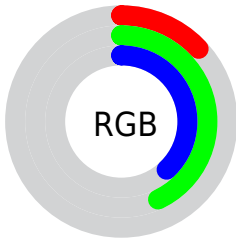
Format	Color
RYB	32, 75, 110
Decimal	2125408
CIELab	41.69, -27.01, 0.98
CIELCh	42, 27.025, 177.923
Yxy	12.3035, 0.2466, 0.3663
Android (android.graphics.Color)	4280315488 (0xFF206E60)
YUV	85.0820, 5.3826, -46.5529
Hunter-Lab	35.0763, -19.2325, 2.5716

Details

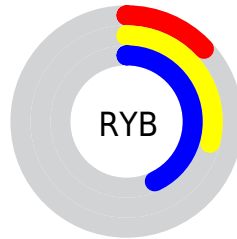
The Hex color **206E60** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E202E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **58A292**, and **003E32** is the 20% darker color. If you saturate the color by 10%, you get **156E5E**, and if you desaturate by 10%, it is **2B6E62**.

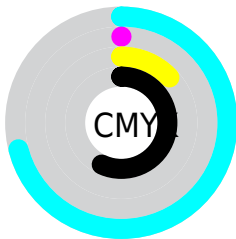
Distribution



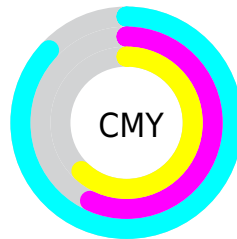
- Red (13%)
- Green (43%)
- Blue (38%)



- Red (13%)
- Yellow (29%)
- Blue (43%)



- Cyan (71%)
- Magenta (0%)
- Yellow (13%)
- Black (57%)



- Cyan (87%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206E60 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 206E60 by changing the saturation by 10% instead.

 206E60

 206E60

FFFFFF

 005548

 58A292

 003E32

 73BDAD

 00271D

 8ED9C8

 000C03

 AAF6E4

 000000

 C6FFFF

 E3FFFF

 206E60

 206E60

 156E5E

 2B6E62

■ 0A6E5C

■ 366E64

■ 006E5A

■ 416E66

■ 4C6E68

■ 576E6A

■ 626E6C

■ 6D6E6E

■ 786E70

■ 836E72

Harmonies

Analogous

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



416C4A



206E60



006E76

Triad

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



206E60



625D8A



83593D

Complementary

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



206E60



6E202E

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.



8D524F



206E60



7D557A

Square

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



206E60



3E658E



8B5165



726135

Rectangle

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



206E60



006C83



8B5165



885642

Sweetspot

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



206E60



718F89



2E6E20



364744



C7C7C7



474747

Same Dimension

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



206E60



158F79



20556E



323837



007862



00F7CB

Inverse Universe

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



6E202E



8F152B



6E3920



383233



780016



F7002C

Previews

White Background



This preview shows how the Hex color 206E60 looks on a white background.

Color Contrast Check

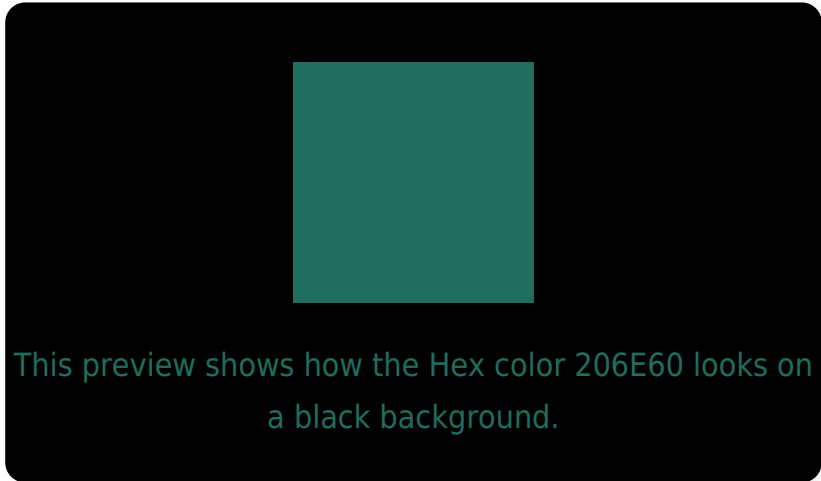
Large Text (above 18pt) WCAG AA ✓ Pass

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

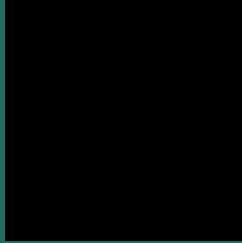
Any Text WCAG AA × Fail

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 206E60 Background



This preview shows how black text looks on a background with the Hex color 206E60.

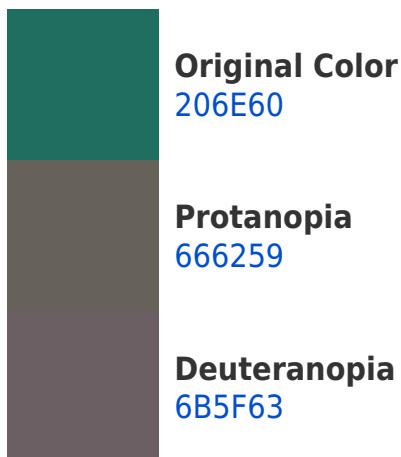


This preview shows how white text looks on a background with the Hex color 206E60.

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](#).

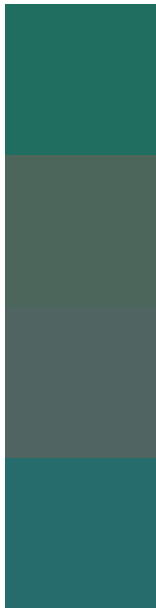
Dichromacy





Tritanopia
2A6B74

Trichromacy



Original Color
206E60

Protanomaly
4D665C

Deuteranomaly
506462

Tritanomaly
266C6D

Monochromacy



Original Color
206E60

Achromatopsia
555555

Achromatomaly
425E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 206E60 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 #206E60 looks like.

```
.text, #text, p{  
    color:#206E60  
}
```

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 #206E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206E60
}
```

Border

The CSS property to change the border of an element to Hex 206E60 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
#206E60 }
```

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

```
.border{ border-color:#206E60 }
```

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

Here you see how a box with a 4 pixel #206E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206E60; -webkit-box-shadow:4px 4px  
4px 4px #206E60; box-shadow:4px 4px 4px  
4px #206E60 }
```

Background

The CSS property to change the background color of an element to Hex 206E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206E60 }
```

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

```
.background{ background-color:#206E60 }
```

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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