

Converting Colors

Hex(206B57)

Have a look what the booklet for
Hex(206B57) contains.

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Color

Hex(206B57)

Conversions

Conversions Part 1

Format	Color
Hex	206B57
RGB	32, 107, 87
RGB Percent	13%, 42%, 34%
CMY	0.8745, 0.5804, 0.6588
CMYK	0.70, 0.00, 0.19, 0.58
HSL	164°, 54%, 27%
HSV	164°, 70%, 42%
XYZ	7.5737, 11.5106, 10.8394
YIQ	82.2950, -38.2800, -22.1200

Conversions

Conversions Part 2

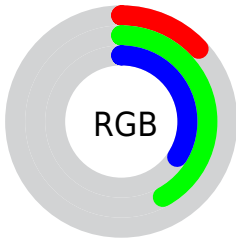
Format	Color
RYB	32, 75, 107
Decimal	2124631
CIELab	40.43, -28.06, 4.60
CIElCh	40, 28.437, 170.699
Yxy	11.5106, 0.2531, 0.3847
Android (android.graphics.Color)	4280314711 (0xFF206B57)
YUV	82.2950, 2.3196, -44.1087
Hunter-Lab	33.9273, -19.5257, 4.8065

Details

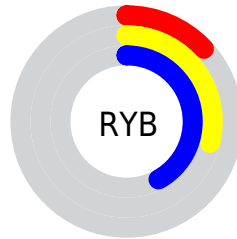
The Hex color **206B57** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B2034**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **579F89**, and **003B2A** is the 20% darker color. If you saturate the color by 10%, you get **156B54**, and if you desaturate by 10%, it is **2B6B5A**.

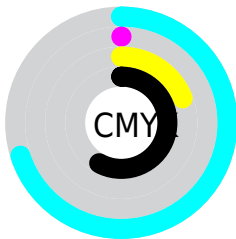
Distribution



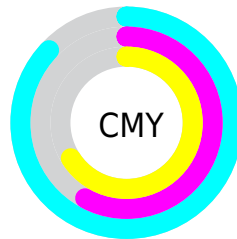
- Red (13%)
- Green (42%)
- Blue (34%)



- Red (13%)
- Yellow (29%)
- Blue (42%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (58%)



- Cyan (87%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206B57 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 206B57 by changing the saturation by 10% instead.

 206B57

 206B57

FFFFFF

 005240

 579F89

 003B2A

 72BAA3

 002515

 8DD6BE

 000300

 A8F3DA

 000000

 C4FFF6

 E1FFFF

 FEFFFF

 206B57

 206B57

■ 156B54

■ 2B6B5A

■ 0B6B51

■ 356B5D

■ 006B4E

■ 406B60

■ 4B6B62

■ 566B65

■ 606B68

■ 6B6B6B

■ 766B6E

■ 806B71

Harmonies

Analogous

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



436841



206B57



006B6F

Triad

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



206B57



575C8B



85533C

Complementary

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



206B57



6B2034

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.



8C4D50



206B57



75537D

Square

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



206B57



2B648D



874D68



745B31

Rectangle

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



206B57



006A7D



874D68



885142

Sweetspot

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



206B57



6F8C84



346B20



364743



C7C7C7



474747

Same Dimension

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



206B57



168C6D



205A6B



303634



007556



00F5B4

Inverse Universe

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



6B2034



8C1636



6B3220



363032



75001F



F50041

Previews

White Background



This preview shows how the Hex color 206B57 looks on a white background.

Color Contrast Check

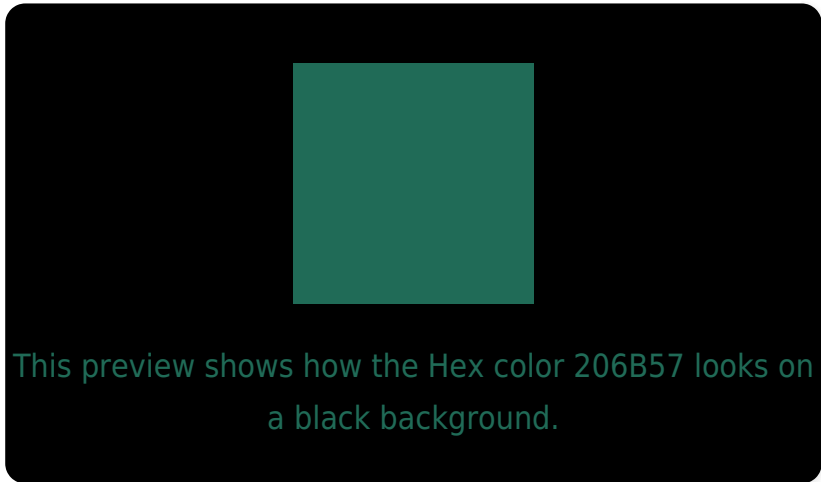
Large Text (above 18pt) WCAG AA ✓ Pass

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

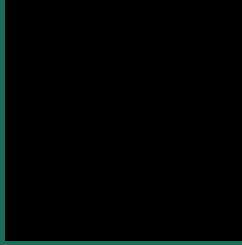
Any Text WCAG AA × Fail

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 206B57 Background



This preview shows how black text looks on a background with the Hex color 206B57.



This preview shows how white text looks on a background with the Hex color 206B57.

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



Original Color
206B57

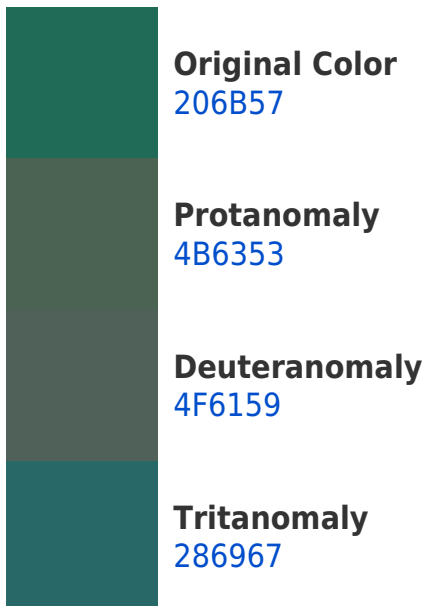
Protanopia
645F51

Deuteranopia
6A5C5A

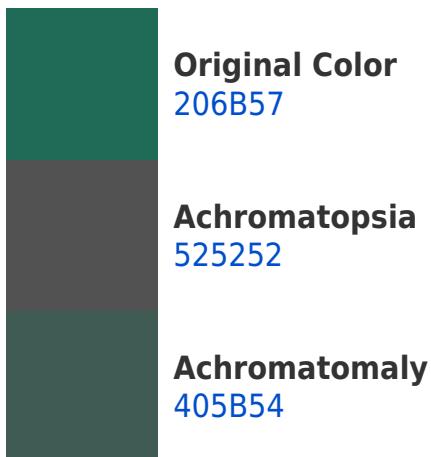


Tritanopia
2C6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 206B57 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 #206B57 looks like.

```
.text, #text, p{  
    color:#206B57  
}
```

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 #206B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206B57  
}
```

Border

The CSS property to change the border of an element to Hex 206B57 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  
#206B57 }
```

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

```
.border{ border-color:#206B57 }
```

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

Here you see how a box with a 4 pixel #206B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206B57; -webkit-box-shadow:4px 4px  
4px 4px #206B57; box-shadow:4px 4px 4px  
4px #206B57 }
```

Background

The CSS property to change the background color of an element to Hex 206B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206B57 }
```

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

```
.background{ background-color:#206B57 }
```

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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