

Converting Colors

Hex(206B48)

Have a look what the booklet for
Hex(206B48) contains.

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Color

Hex(206B48)

Conversions

Conversions Part 1

Format	Color
Hex	206B48
RGB	32, 107, 72
RGB Percent	13%, 42%, 28%
CMY	0.8745, 0.5804, 0.7176
CMYK	0.70, 0.00, 0.33, 0.58
HSL	152°, 54%, 27%
HSV	152°, 70%, 42%
XYZ	7.0231, 11.2903, 7.9400
YIQ	80.5850, -33.4650, -26.7850

Conversions

Conversions Part 2

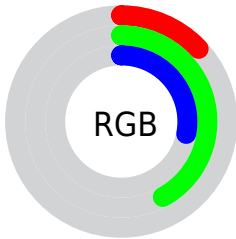
Format	Color
RYB	32, 81, 107
Decimal	2124616
CIELab	40.07, -31.85, 13.11
CIELCh	40, 34.439, 157.630
Yxy	11.2903, 0.2675, 0.4301
Android (android.graphics.Color)	4280314696 (0xFF206B48)
YUV	80.5850, -4.2324, -42.6090
Hunter-Lab	33.6011, -21.4932, 9.5105

Details

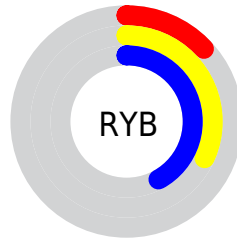
The Hex color **206B48** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B2043**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **569F79**, and **003B1C** is the 20% darker color. If you saturate the color by 10%, you get **156B43**, and if you desaturate by 10%, it is **2B6B4D**.

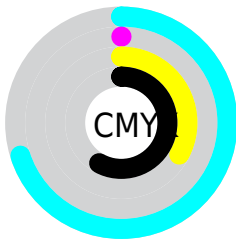
Distribution



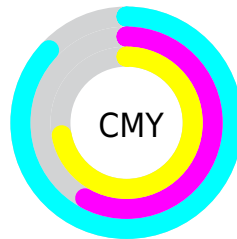
- Red (13%)
- Green (42%)
- Blue (28%)



- Red (13%)
- Yellow (32%)
- Blue (42%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (58%)



- Cyan (87%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206B48 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 206B48 by changing the saturation by 10% instead.

 206B48

 206B48

FFFFFF

 005231

 569F79

 003B1C

 71BA92

 002503

 8CD6AD

 000000

 A7F3C8

 C4FFE5

 E0FFFF

 F0FFFF

 206B48

 206B48

■ 156B43

■ 2B6B4D

■ 0B6B3E

■ 356B52

■ 006B39

■ 406B57

■ 4B6B5C

■ 566B61

■ 606B66

■ 6B6B6B

■ 766B70

■ 806B75

Harmonies

Analogous

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



4A6730



206B48



006D65

Triad

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



206B48



3A5F96



8F4B3E

Complementary

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



206B48



6B2043

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.



934658



206B48



6A548B

Square

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



206B48



006792



874A74



80552A

Rectangle

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



206B48



006C78



874A74



924946

Sweetspot

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



206B48



6F8C7F



436B20



36473F



C7C7C7



474747

Same Dimension

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



206B48



168C55



20696B



303633



00753F



00F583

Inverse Universe

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



6B2043



8C164D



6B2320



363033



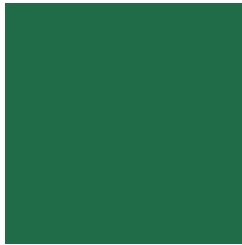
750037



F50072

Previews

White Background



This preview shows how the Hex color 206B48 looks on a white background.

Color Contrast Check

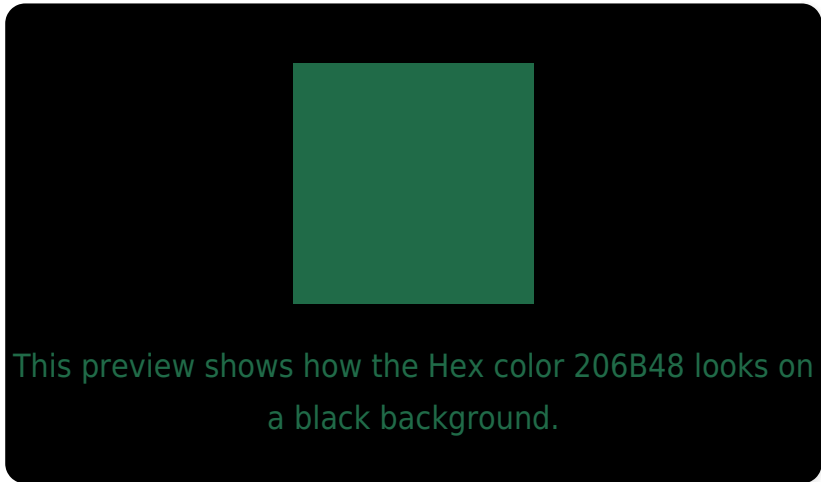
Large Text (above 18pt) WCAG AA ✓ Pass

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

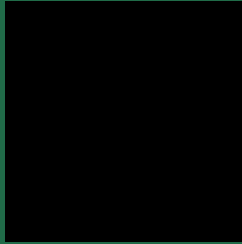
Any Text WCAG AA × Fail

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 206B48 Background



This preview shows how black text looks on a background with the Hex color 206B48.



This preview shows how white text looks on a background with the Hex color 206B48.

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
206B48

Protanopia
655E42

Deuteranopia
6D5A4C



Tritanopia
2F666E

Trichromacy



Original Color
206B48

Protanomaly
4C6344

Deuteranomaly
51604B

Tritanomaly
2A6860

Monochromacy



Original Color
206B48

Achromatopsia
515151

Achromatomaly
3F5A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 206B48 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 #206B48 looks like.

```
.text, #text, p{  
    color:#206B48  
}
```

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 #206B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206B48
}
```

Border

The CSS property to change the border of an element to Hex 206B48 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
#206B48 }
```

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

```
.border{ border-color:#206B48 }
```

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

Here you see how a box with a 4 pixel #206B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206B48; -webkit-box-shadow:4px 4px  
4px 4px #206B48; box-shadow:4px 4px 4px  
4px #206B48 }
```

Background

The CSS property to change the background color of an element to Hex 206B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206B48 }
```

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

```
.background{ background-color:#206B48 }
```

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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