

# Converting Colors

Hex(206C42)

Have a look what the booklet for  
Hex(206C42) contains.

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**Color**

**Hex(206C42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	206C42
RGB	32, 108, 66
RGB Percent	13%, 42%, 26%
CMY	0.8745, 0.5765, 0.7412
CMYK	0.70, 0.00, 0.39, 0.58
HSL	147°, 54%, 27%
HSV	147°, 70%, 42%
XYZ	6.9416, 11.4255, 6.9937
YIQ	80.4880, -31.8140, -29.1740

# Conversions

## Conversions Part 2

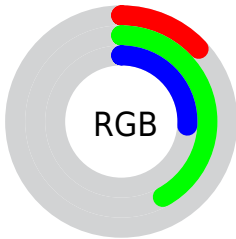
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 85, 108
Decimal	2124866
CIE <sub>Lab</sub>	40.29, -33.62, 16.95
CIE <sub>LCh</sub>	40, 37.654, 153.243
Yxy	11.4255, 0.2737, 0.4505
Android (android.graphics.Color)	4280314946 (0xFF206C42)
YUV	80.4880, -7.1426, -42.5240
Hunter-Lab	33.8017, -22.4958, 11.3938

# Details

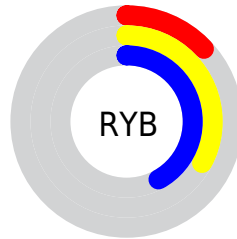
The Hex color **206C42** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6C204A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **57A072**, and **003B16** is the 20% darker color. If you saturate the color by 10%, you get **156C3C**, and if you desaturate by 10%, it is **2B6C48**.

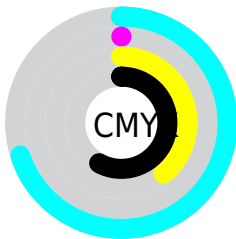
# Distribution



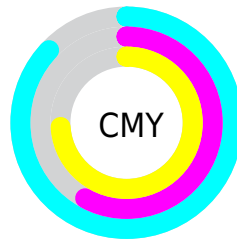
- Red (13%)
- Green (42%)
- Blue (26%)



- Red (13%)
- Yellow (33%)
- Blue (42%)



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)
- Black (58%)



- Cyan (87%)
- Magenta (58%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 206C42 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 206C42 by changing the saturation by 10% instead.



 206C42

 206C42

FFFFFF

 00532C


 57A072

 003B16

 71BB8C

 002600

 8CD7A6

 000200

 A8F4C2

 000000

 C4FFDE

 E1FFFA

 FEFFFF

 206C42

 206C42

■ 156C3C

■ 2B6C48

■ 0A6C36

■ 366C4E

■ 006C30

■ 406C54

■ 4B6C5A

■ 566C60

■ 616C66

■ 6C6C6C

■ 766C72

■ 816C78

# Harmonies

## Analogous

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



4D6729



206C42



006E61

# Triad

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



206C42



27619C



95483F

# Complementary

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



206C42



6C204A

# 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.



97445D



206C42



655593

# Square

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



206C42



006995



87497B



865328

# Rectangle

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



206C42



006E76



87497B



974648



# Sweetspot

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



206C42



6F8C7C



4B6C20



36473E



C7C7C7



474747



# Same Dimension

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



206C42



168C4B



206C67



303633



007534



00F56E



# Inverse Universe

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



6C204A



8C1658



6C2025



363033



750041

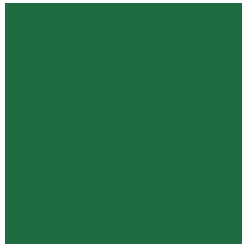


F50087



# Previews

## White Background



This preview shows how the Hex color 206C42 looks on a white background.

## Color Contrast Check

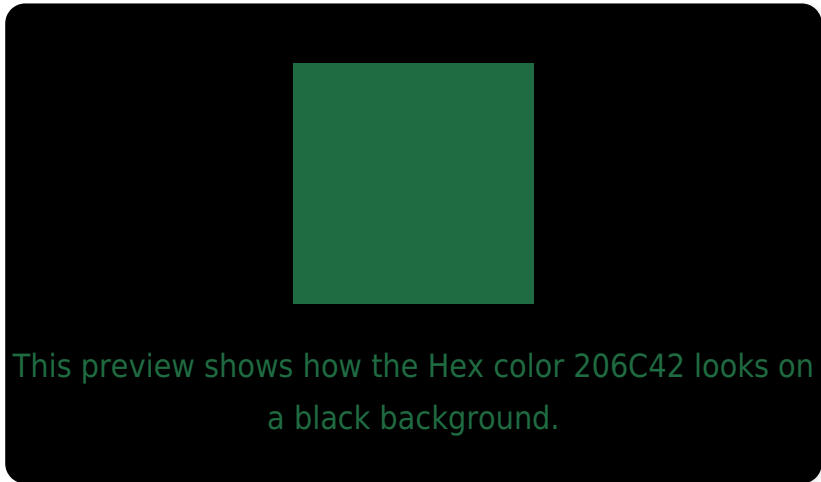
Large Text (above 18pt) WCAG AA ✓ Pass

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

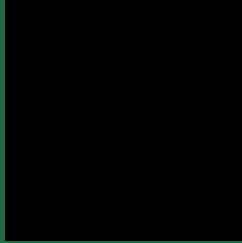
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 206C42 Background



This preview shows how black text looks on a background with the Hex color 206C42.



This preview shows how white text looks on a background with the Hex color 206C42.

# 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**  
206C42

**Protanopia**  
675E3D

**Deuteranopia**  
705B46



**Tritanopia**  
31676F

# Trichromacy



**Original Color**  
206C42

**Protanomaly**  
4D633F

**Deuteranomaly**  
536145

**Tritanomaly**  
2B695F

# Monochromacy



**Original Color**  
206C42

**Achromatopsia**  
505050

**Achromatomaly**  
3F5A4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 206C42 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 #206C42 looks like.

```
.text, #text, p{  
    color:#206C42  
}
```

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 #206C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206C42
}
```

## Border

The CSS property to change the border of an element to Hex 206C42 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
#206C42 }
```

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

```
.border{ border-color:#206C42 }
```

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

Here you see how a box with a 4 pixel #206C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206C42; -webkit-box-shadow:4px 4px  
4px 4px #206C42; box-shadow:4px 4px 4px  
4px #206C42 }
```

# Background

The CSS property to change the background color of an element to Hex 206C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206C42 }
```

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

```
.background{ background-color:#206C42 }
```

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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