

Converting Colors

Hex(206C40)

Have a look what the booklet for
Hex(206C40) contains.

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Color

Hex(206C40)

Conversions

Conversions Part 1

Format	Color
Hex	206C40
RGB	32, 108, 64
RGB Percent	13%, 42%, 25%
CMY	0.8745, 0.5765, 0.7490
CMYK	0.70, 0.00, 0.41, 0.58
HSL	145°, 54%, 27%
HSV	145°, 70%, 42%
XYZ	6.8836, 11.4024, 6.6886
YIQ	80.2600, -31.1720, -29.7960

Conversions

Conversions Part 2

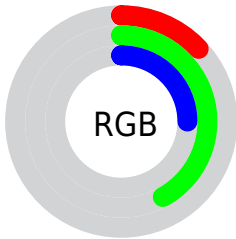
Format	Color
R_{YB}	32, 85, 108
Decimal	2124864
CIE _{Lab}	40.25, -34.04, 18.07
CIE _{LCh}	40, 38.540, 152.041
Yxy	11.4024, 0.2756, 0.4566
Android (android.graphics.Color)	4280314944 (0xFF206C40)
YUV	80.2600, -8.0162, -42.3240
Hunter-Lab	33.7674, -22.7049, 11.8932

Details

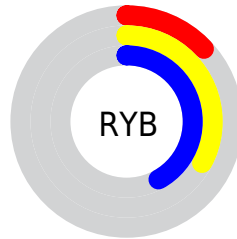
The Hex color **206C40** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6C204C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **57A070**, and **003B14** is the 20% darker color. If you saturate the color by 10%, you get **156C3A**, and if you desaturate by 10%, it is **2B6C46**.

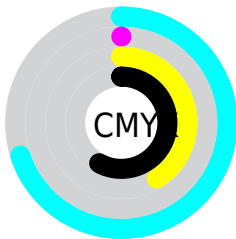
Distribution



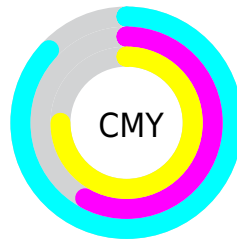
- Red (13%)
- Green (42%)
- Blue (25%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (41%)
- Black (58%)



- Cyan (87%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206C40 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 206C40 by changing the saturation by 10% instead.

 206C40

 206C40

FFFFFF

 00532A

 57A070

 003B14

 71BB8A

 002600

 8CD7A4

 000200

 A8F4BF

 000000

 C4FFDB

 E1FFF8

 FEFFFF

 206C40

 206C40

■ 156C3A

■ 2B6C46

■ 0A6C33

■ 366C4D

■ 006C2D

■ 406C53

■ 4B6C59

■ 566C5F

■ 616C66

■ 6C6C6C

■ 766C72

■ 816C78

Harmonies

Analogous

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



4E6726



206C40



006E60

Triad

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



206C40



1E629E



97473F

Complementary

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



206C40



6C204C

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.



98435E



206C40



635694

Square

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



206C40



006A96



87497D



875227

Rectangle

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



206C40



006E76



87497D



994449

Sweetspot

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



206C40



6F8C7B



4C6C20



36473D



C7C7C7



474747

Same Dimension

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



206C40



168C48



206C66



303632



007531



00F567

Inverse Universe

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



6C204C



8C165B



6C2026



363033



750044



F5008E

Previews

White Background



This preview shows how the Hex color 206C40 looks on a white background.

Color Contrast Check

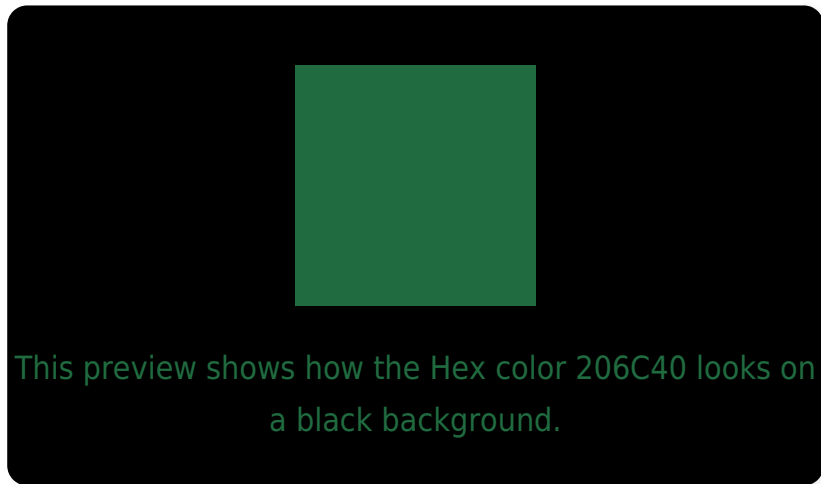
Large Text (above 18pt) WCAG AA ✓ Pass

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 206C40 Background



This preview shows how black text looks on a background with the Hex color 206C40.

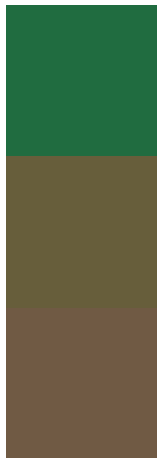


This preview shows how white text looks on a background with the Hex color 206C40.

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
206C40

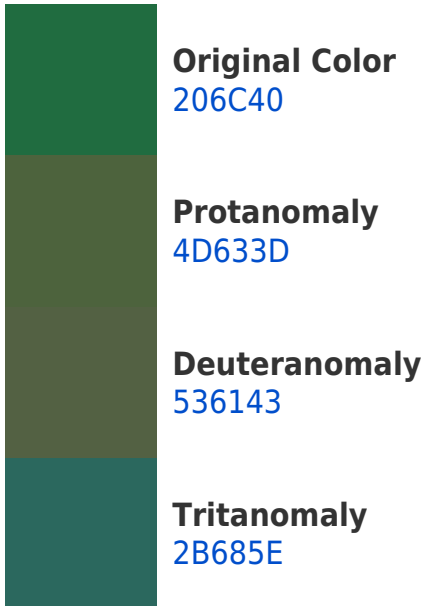
Protanopia
675E3B

Deuteranopia
705A44

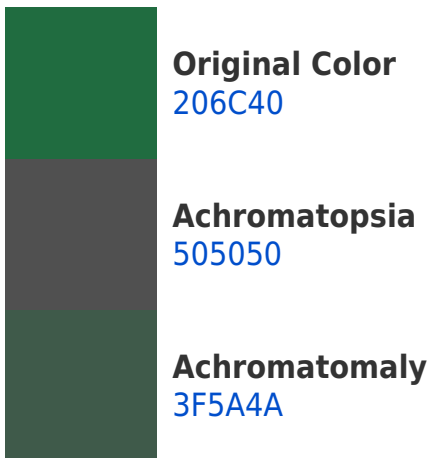


Tritanopia
31666F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 206C40 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 #206C40 looks like.

```
.text, #text, p{  
    color:#206C40  
}
```

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 #206C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206C40
}
```

Border

The CSS property to change the border of an element to Hex 206C40 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
#206C40 }
```

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

```
.border{ border-color:#206C40 }
```

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

Here you see how a box with a 4 pixel #206C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206C40; -webkit-box-shadow:4px 4px  
4px 4px #206C40; box-shadow:4px 4px 4px  
4px #206C40 }
```

Background

The CSS property to change the background color of an element to Hex 206C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206C40 }
```

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

```
.background{ background-color:#206C40 }
```

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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