

# Converting Colors

Hex(206F31)

Have a look what the booklet for  
Hex(206F31) contains.

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# Color

**Hex(206F31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	206F31
RGB	32, 111, 49
RGB Percent	13%, 44%, 19%
CMY	0.8745, 0.5647, 0.8078
CMYK	0.71, 0.00, 0.56, 0.56
HSL	133°, 55%, 28%
HSV	133°, 71%, 44%
XYZ	6.8345, 11.8977, 4.8420
YIQ	80.3110, -27.1820, -36.0300

# Conversions

## Conversions Part 2

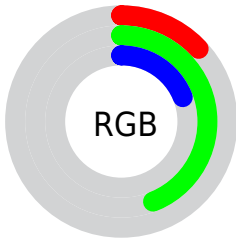
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 97, 111
Decimal	2125617
CIELab	41.05, -38.00, 27.51
CIElCh	41, 46.913, 144.098
Yxy	11.8977, 0.2899, 0.5047
Android (android.graphics.Color)	4280315697 (0xFF206F31)
YUV	80.3110, -15.4363, -42.3687
Hunter-Lab	34.4931, -24.9947, 15.8222

# Details

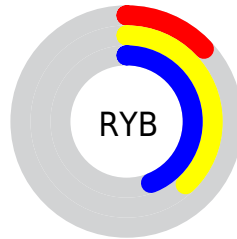
The Hex color **206F31** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F205E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **58A461**, and **003E02** is the 20% darker color. If you saturate the color by 10%, you get **156F28**, and if you desaturate by 10%, it is **2B6F3A**.

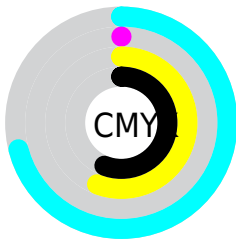
# Distribution



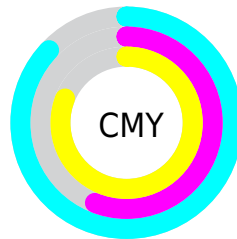
- Red (13%)
- Green (44%)
- Blue (19%)



- Red (13%)
- Yellow (38%)
- Blue (44%)



- Cyan (71%)
- Magenta (0%)
- Yellow (56%)
- Black (56%)



- Cyan (87%)
- Magenta (56%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 206F31 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 206F31 by changing the saturation by 10% instead.



 206F31

 206F31

FFFFFF

 00561A

 58A461

 003E02

 73BF7A

 002800

 8EDB94

 000700

 AAF8AF

 000000

 C6FFCB

 E3FFE7

 206F31

 206F31

 156F28

 2B6F3A

■ 0A6F20

■ 366F42

■ 006F18

■ 416F4B

■ 4C6F54

■ 586F5D

■ 636F65

■ 6E6F6E

■ 796F77

■ 846F7F

# Harmonies

## Analogous

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



566810



206F31



007258

# Triad

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



206F31



0068AD



A53E44

# Complementary

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



206F31



6F205E

# 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.



A23C6A



206F31



525AA7

# Square

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



206F31



00709F



88498E



964D22

# Rectangle

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



206F31



007372



88498E



A63C50



# Sweetspot

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



206F31



739179



5F6F20



374A3B



C9C9C9



4A4A4A



# Same Dimension

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



206F31



169130



206F57



323834



00781A



00F735



# Inverse Universe

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



6F205E



911677



6F2038



383237



78005E



F700C2



# Previews

## White Background



This preview shows how the Hex color 206F31 looks on a white background.

## Color Contrast Check

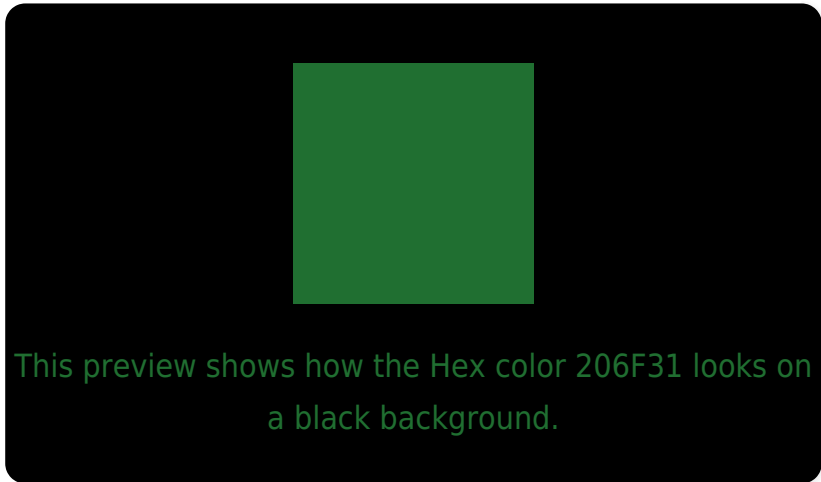
Large Text (above 18pt) WCAG AA ✓ Pass

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

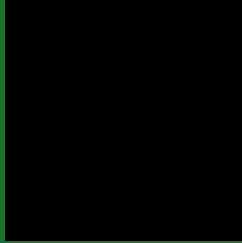
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 206F31 Background



This preview shows how black text looks on a background with the Hex color 206F31.



This preview shows how white text looks on a background with the Hex color 206F31.

# 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**  
206F31

**Protanopia**  
6B602C

**Deuteranopia**  
765C36



**Tritanopia**  
346871

# Trichromacy



**Original Color**  
206F31

**Protanomaly**  
50652E

**Deuteranomaly**  
576334

**Tritanomaly**  
2D6B5A

# Monochromacy



**Original Color**  
206F31

**Achromatopsia**  
505050

**Achromatomaly**  
3F5B45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 206F31 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 #206F31 looks like.

```
.text, #text, p{  
    color:#206F31  
}
```

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 #206F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206F31
}
```

## Border

The CSS property to change the border of an element to Hex 206F31 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
#206F31 }
```

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

```
.border{ border-color:#206F31 }
```

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

Here you see how a box with a 4 pixel #206F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206F31; -webkit-box-shadow:4px 4px  
4px 4px #206F31; box-shadow:4px 4px 4px  
4px #206F31 }
```

# Background

The CSS property to change the background color of an element to Hex 206F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206F31 }
```

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

```
.background{ background-color:#206F31 }
```

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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