

Converting Colors

Hex(206D31)

Have a look what the booklet for
Hex(206D31) contains.

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Color

Hex(206D31)

Conversions

Conversions Part 1

Format	Color
Hex	206D31
RGB	32, 109, 49
RGB Percent	13%, 43%, 19%
CMY	0.8745, 0.5725, 0.8078
CMYK	0.71, 0.00, 0.55, 0.57
HSL	133°, 55%, 28%
HSV	133°, 71%, 43%
XYZ	6.6187, 11.4661, 4.7701
YIQ	79.1370, -26.6320, -34.9840

Conversions

Conversions Part 2

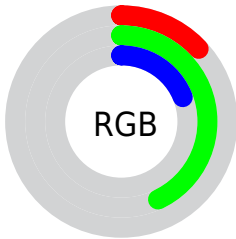
Format	Color
RYB	32, 95, 109
Decimal	2125105
CIELab	40.35, -37.20, 26.66
CIElCh	40, 45.767, 144.375
Yxy	11.4661, 0.2896, 0.5017
Android (android.graphics.Color)	4280315185 (0xFF206D31)
YUV	79.1370, -14.8575, -41.3391
Hunter-Lab	33.8616, -24.3678, 15.3510

Details

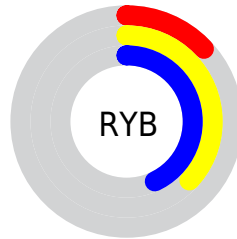
The Hex color **206D31** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6D205C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **57A161**, and **003C02** is the 20% darker color. If you saturate the color by 10%, you get **156D29**, and if you desaturate by 10%, it is **2B6D39**.

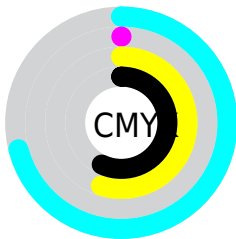
Distribution



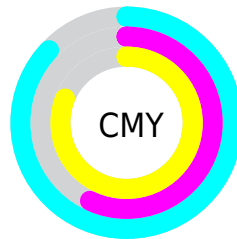
- Red (13%)
- Green (43%)
- Blue (19%)



- Red (13%)
- Yellow (37%)
- Blue (43%)



- Cyan (71%)
- Magenta (0%)
- Yellow (55%)
- Black (57%)



- Cyan (87%)
- Magenta (57%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206D31 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 206D31 by changing the saturation by 10% instead.

 206D31

 206D31

FFFFFF

 00541A

 57A161

 003C02

 72BD7A

 002700

 8DD994

 000200

 A9F5AF

 000000

 C5FFCA

 E2FFE7

 206D31

 206D31

 156D29

 2B6D39

■ 0A6D20

■ 366D42

■ 006D18

■ 416D4A

■ 4C6D53

■ 566D5B

■ 616D64

■ 6C6D6C

■ 776D75

■ 826D7D

Harmonies

Analogous

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



546612



206D31



007057

Triad

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



206D31



0066AA



A23E43

Complementary

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



206D31



6D205C

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.



9E3B68



206D31



5258A4

Square

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



206D31



006D9B



85478B



934C22

Rectangle

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



206D31



007171



85478B



A33B4F

Sweetspot

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



206D31



718F77



5C6D20



364739



C7C7C7



474747

Same Dimension

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



206D31



158F30



206D57



303631



00751A



00F536

Inverse Universe

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



6D205C



8F1574



6D2036



363034



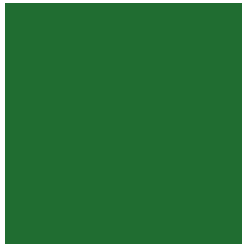
75005B



F500BF

Previews

White Background



This preview shows how the Hex color 206D31 looks on a white background.

Color Contrast Check

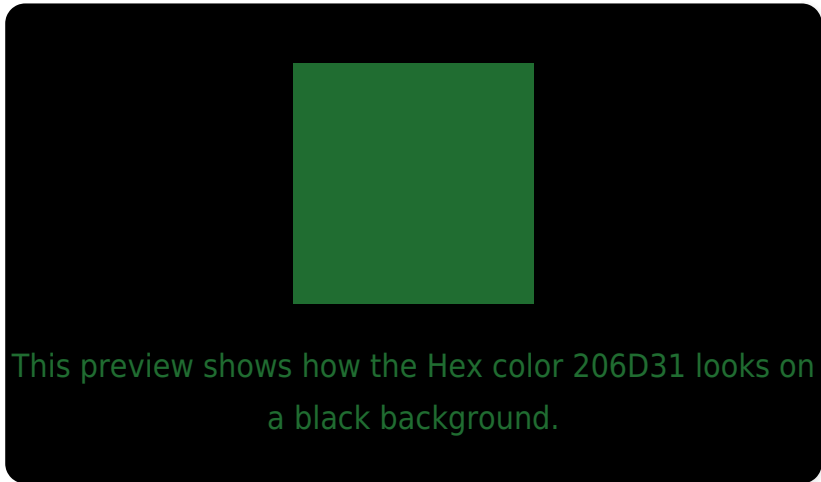
Large Text (above 18pt) WCAG AA ✓ Pass

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

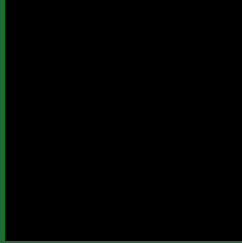
Any Text WCAG AA × Fail

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 206D31 Background



This preview shows how black text looks on a background with the Hex color 206D31.



This preview shows how white text looks on a background with the Hex color 206D31.

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
206D31

Protanopia
695F2C

Deuteranopia
735A36



Tritanopia
34666F

Trichromacy



Original Color
206D31



Protanomaly
4E642E



Deuteranomaly
556134



Tritanomaly
2D6958

Monochromacy



Original Color
206D31



Achromatopsia
4F4F4F



Achromatomaly
3E5A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 206D31 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 #206D31 looks like.

```
.text, #text, p{  
    color:#206D31  
}
```

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 #206D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206D31
}
```

Border

The CSS property to change the border of an element to Hex 206D31 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
#206D31 }
```

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

```
.border{ border-color:#206D31 }
```

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

Here you see how a box with a 4 pixel #206D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206D31; -webkit-box-shadow:4px 4px  
4px 4px #206D31; box-shadow:4px 4px 4px  
4px #206D31 }
```

Background

The CSS property to change the background color of an element to Hex 206D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206D31 }
```

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

```
.background{ background-color:#206D31 }
```

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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