

Converting Colors

Hex(206A4D)

Have a look what the booklet for
Hex(206A4D) contains.

Hex(206A4D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(206A4D)

Conversions

Conversions Part 1

Format	Color
Hex	206A4D
RGB	32, 106, 77
RGB Percent	13%, 42%, 30%
CMY	0.8745, 0.5843, 0.6980
CMYK	0.70, 0.00, 0.27, 0.58
HSL	156°, 54%, 27%
HSV	156°, 70%, 42%
XYZ	7.0893, 11.1510, 8.7999
YIQ	80.5680, -34.7950, -24.7070

Conversions

Conversions Part 2

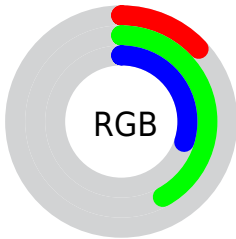
Format	Color
RYB	32, 78, 106
Decimal	2124365
CIELab	39.83, -30.19, 9.79
CIELCh	40, 31.741, 162.027
Yxy	11.1510, 0.2622, 0.4124
Android (android.graphics.Color)	4280314445 (0xFF206A4D)
YUV	80.5680, -1.7590, -42.5941
Hunter-Lab	33.3931, -20.5428, 7.7508

Details

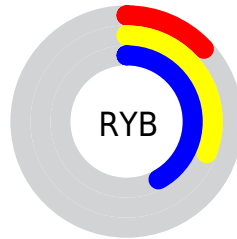
The Hex color **206A4D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A203D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **569E7E**, and **003A21** is the 20% darker color. If you saturate the color by 10%, you get **156A49**, and if you desaturate by 10%, it is **2B6A51**.

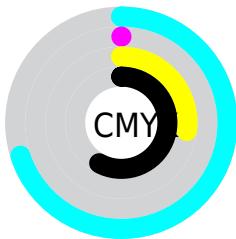
Distribution



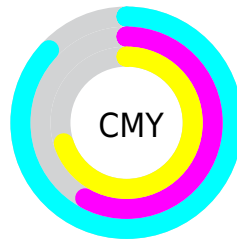
- Red (13%)
- Green (42%)
- Blue (30%)



- Red (13%)
- Yellow (31%)
- Blue (42%)



- Cyan (70%)
- Magenta (0%)
- Yellow (27%)
- Black (58%)



- Cyan (87%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206A4D 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 206A4D by changing the saturation by 10% instead.

 206A4D

 206A4D

FFFFFF

 005136

 569E7E

 003A21

 71B998

 00240B

 8CD5B3

 000000

 A7F2CE

 C3FFEA

 E0FFFF

 F0FFFF

 206A4D

 206A4D

■ 156A49

■ 2B6A51

■ 0B6A45

■ 356A55

■ 006A41

■ 406A59

■ 006A40

■ 4A6A5E

■ 556A62

■ 606A66

■ 6A6A6A

■ 756A6E

■ 7F6A72

Harmonies

Analogous

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



476636



206A4D



006B68

Triad

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



206A4D



465D90



8A4E3C

Complementary

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



206A4D



6A203D

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.



8F4854



206A4D



6E5384

Square

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



206A4D



00658F



864B6E



7A572C

Rectangle

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



206A4D



006A78



864B6E



8D4B44

Sweetspot

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



206A4D



6D8A7E



3E6A20



34453E



C4C4C4



454545

Same Dimension

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



206A4D



168A5C



20636A



303633



007547



00F595

Inverse Universe

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



6A203D



8A1643



6A2720



363032



75002E



F50060

Previews

White Background



This preview shows how the Hex color 206A4D looks on a white background.

Color Contrast Check

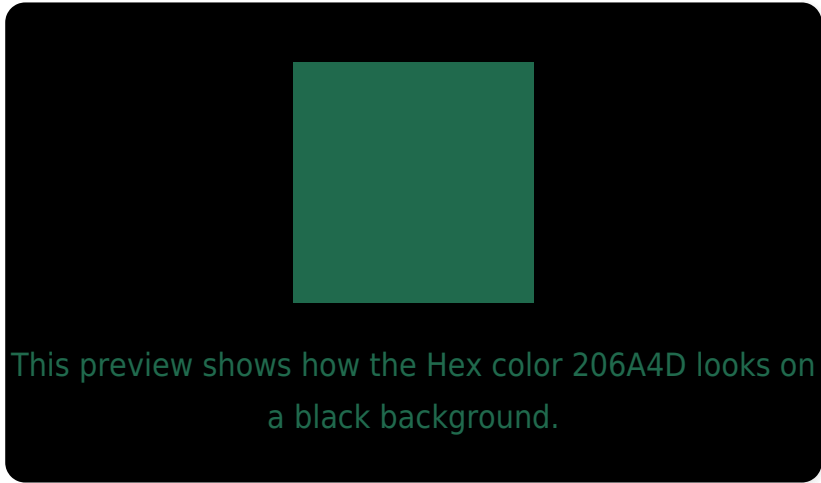
Large Text (above 18pt) WCAG AA ✓ Pass

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

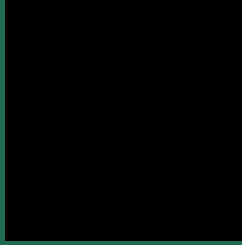
Any Text WCAG AA × Fail

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 206A4D Background



This preview shows how black text looks on a background with the Hex color 206A4D.



This preview shows how white text looks on a background with the Hex color 206A4D.

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
206A4D

Protanopia
645D47

Deuteranopia
6B5A51



Tritanopia
2E666E

Trichromacy



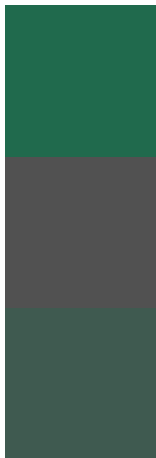
Original Color
206A4D

Protanomaly
4B6249

Deuteranomaly
506050

Tritanomaly
296762

Monochromacy



Original Color
206A4D

Achromatopsia
515151

Achromatomaly
3F5A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 206A4D 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 #206A4D looks like.

```
.text, #text, p{  
    color:#206A4D  
}
```

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 #206A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206A4D
}
```

Border

The CSS property to change the border of an element to Hex 206A4D 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
#206A4D }
```

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

```
.border{ border-color:#206A4D }
```

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

Here you see how a box with a 4 pixel #206A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206A4D; -webkit-box-shadow:4px 4px  
4px 4px #206A4D; box-shadow:4px 4px 4px  
4px #206A4D }
```

Background

The CSS property to change the background color of an element to Hex 206A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206A4D }
```

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

```
.background{ background-color:#206A4D }
```

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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