

Converting Colors

Hex(206005)

Have a look what the booklet for
Hex(206005) contains.

Hex(206005)	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(206005)

Conversions

Conversions Part 1

Format	Color
Hex	206005
RGB	32, 96, 5
RGB Percent	13%, 38%, 2%
CMY	0.8745, 0.6235, 0.9804
CMYK	0.67, 0.00, 0.95, 0.62
HSL	102°, 90%, 20%
HSV	102°, 95%, 38%
XYZ	4.8059, 8.6838, 1.5664
YIQ	66.4900, -8.9330, -41.8690

Conversions

Conversions Part 2

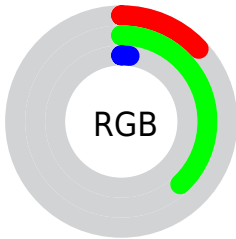
Format	Color
RYB	5, 96, 69
Decimal	2121733
CIELab	35.37, -36.52, 39.92
CIELCh	35, 54.110, 132.453
Yxy	8.6838, 0.3192, 0.5768
Android (android.graphics.Color)	4280311813 (0xFF206005)
YUV	66.4900, -30.3146, -30.2477
Hunter-Lab	29.4682, -22.4582, 17.4761

Details

The Hex color **206005** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **450560**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **56933B**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **1C6000**, and if you desaturate by 10%, it is **27600F**.

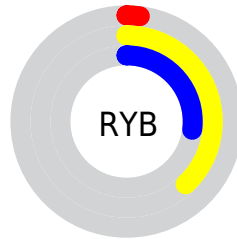
Distribution



Red (13%)

Green (38%)

Blue (2%)



Red (2%)

Yellow (38%)

Blue (27%)

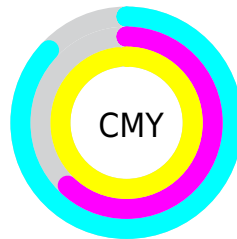


Cyan (67%)

Magenta (0%)

Yellow (95%)

Black (62%)



Cyan (87%)

Magenta (62%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206005 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 206005 by changing the saturation by 10% instead.

 206005

 206005

 FFFFF7

 004800

 56933B

 003000

 71AE54

 001B00

 8CCA6D

 000000

 A8E687

 C4FFA2

 E1FFBE

 FEFFDA

 206005

 206005

■ 1C6000

■ 27600F

■ 2E6018

■ 346022

■ 3B602B

■ 426035

■ 49603F

■ 4F6048

■ 566052

■ 5D605B

Harmonies

Analogous

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



555700



206005



006537

Triad

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



206005



005FA6



9E1F43

Complementary

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



206005



450560

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.



93266E



206005



0053A9

Square

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



206005



00658D



6A3E94



94321A

Rectangle

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



206005



006656



6A3E94



9D1D52

Sweetspot

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



206005



647D5A



604505



31402A



BFBFBF



404040

Same Dimension

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



206005



257D00



056017



2D302C



217000



47F000

Inverse Universe

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



450560



58007D



60054E



2F2C30



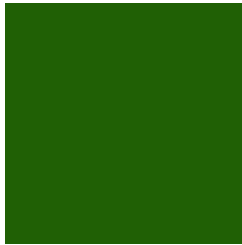
4F0070



A900F0

Previews

White Background



This preview shows how the Hex color 206005 looks on a white background.

Color Contrast Check

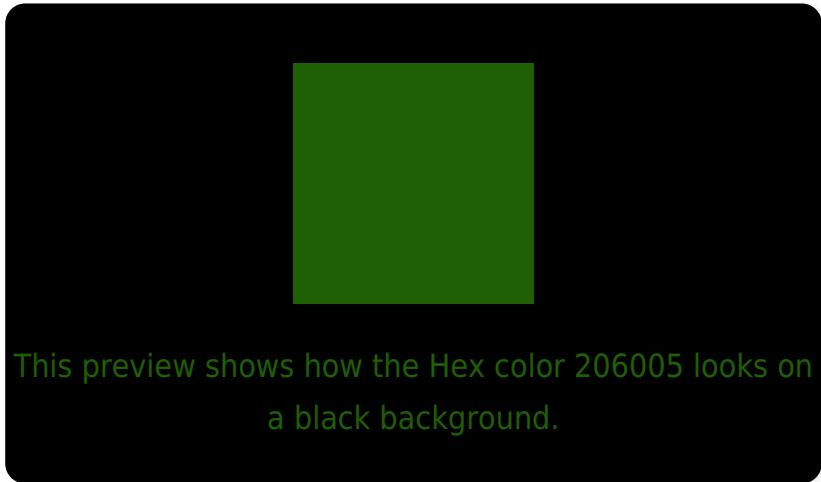
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

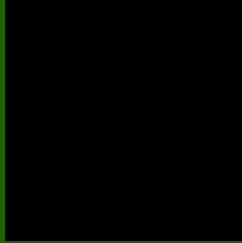
Any Text WCAG AA × Fail

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 206005 Background



This preview shows how black text looks on a background with the Hex color 206005.



This preview shows how white text looks on a background with the Hex color 206005.

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
206005

Protanopia
5E5300

Deuteranopia
684F15



Tritanopia
325960

Trichromacy



Original Color
206005

Protanomaly
475802

Deuteranomaly
4E550F

Tritanomaly
2B5C3F

Monochromacy



Original Color
206005

Achromatopsia
424242

Achromatomaly
364D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 206005 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 #206005 looks like.

```
.text, #text, p{  
    color:#206005  
}
```

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 #206005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206005
}
```

Border

The CSS property to change the border of an element to Hex 206005 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
#206005 }
```

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

```
.border{ border-color:#206005 }
```

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

Here you see how a box with a 4 pixel #206005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206005; -webkit-box-shadow:4px 4px  
4px 4px #206005; box-shadow:4px 4px 4px  
4px #206005 }
```

Background

The CSS property to change the background color of an element to Hex 206005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206005 }
```

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

```
.background{ background-color:#206005 }
```

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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