

# Converting Colors

Hex(506105)

Have a look what the booklet for  
Hex(506105) contains.

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**Color**

**Hex(506105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	506105
RGB	80, 97, 5
RGB Percent	31%, 38%, 2%
CMY	0.6863, 0.6196, 0.9804
CMYK	0.18, 0.00, 0.95, 0.62
HSL	71°, 90%, 20%
HSV	71°, 95%, 38%
XYZ	7.6104, 10.2658, 1.7240
YIQ	81.4290, 19.4000, -32.2160

# Conversions

## Conversions Part 2

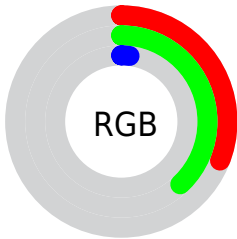
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 97, 22
Decimal	5267717
CIELab	38.32, -18.61, 43.43
CIELCh	38, 47.246, 113.200
Yxy	10.2658, 0.3883, 0.5238
Android (android.graphics.Color)	4283457797 (0xFF506105)
YUV	81.4290, -37.6795, -1.2532
Hunter-Lab	32.0403, -13.6725, 19.2380

# Details

The Hex color **506105** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **160561**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **84943C**, and **1F3300** is the 20% darker color. If you saturate the color by 10%, you get **4F6100**, and if you desaturate by 10%, it is **52610F**.

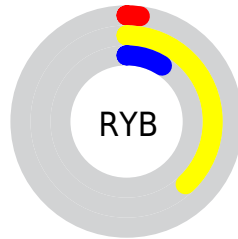
# Distribution



Red (31%)

Green (38%)

Blue (2%)



Red (2%)

Yellow (38%)

Blue (9%)

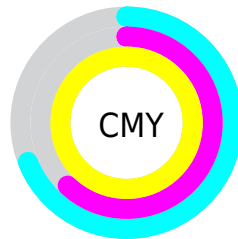


Cyan (18%)

Magenta (0%)

Yellow (95%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 506105 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 506105 by changing the saturation by 10% instead.



 506105

 506105

 FFFFFFF9

 374900

 84943C

 1F3300

 9FAE55

 001E00

 BBCA6F

 000000

 D7E689

 F4FFA4

 FFFFC0

 FFFFDC

 506105

 506105

■ 4F6100

■ 52610F

■ 546118

■ 556122

■ 57612C

■ 596136

■ 5B613F

■ 5D6149

■ 5E6153

■ 60615C

# Harmonies

## Analogous

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



745500



506105



196829

# Triad

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



506105



006997



9A3465

# Complementary

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



506105



160561

# 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.



804289



506105



0061A6

# Square

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



506105



006C77



4854A1



9E363E

# Rectangle

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



506105



006B43



4854A1



943871



# Sweetspot

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



506105



767D5A



611605



3C402A



BFBFBF



404040



# Same Dimension

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



506105



667D00



226105



30302C



5B7000



C3F000



# Inverse Universe

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



160561



17007D



440561



2D2C30



150070



2C00F0



# Previews

## White Background



This preview shows how the Hex color 506105 looks on a white background.

## Color Contrast Check

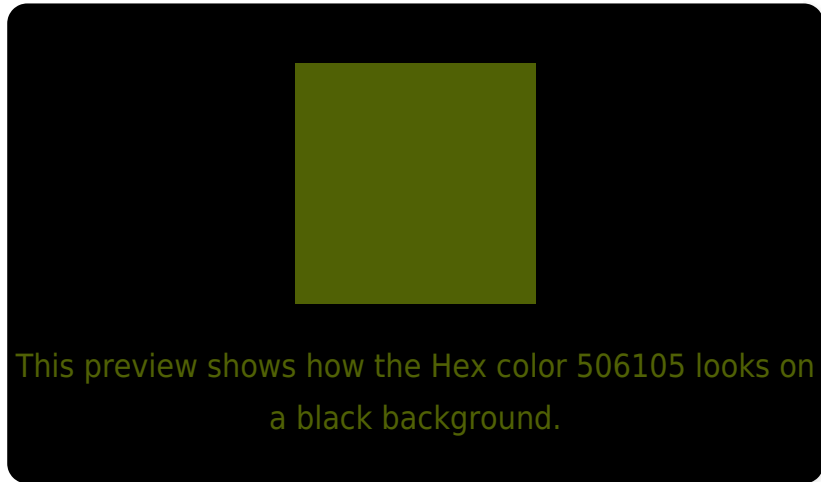
Large Text (above 18pt) WCAG AA ✓ Pass

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

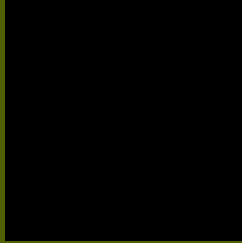
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 506105 Background



This preview shows how black text looks on a background with the Hex color 506105.



This preview shows how white text looks on a background with the Hex color 506105.

# 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**  
506105

**Protanopia**  
665A00

**Deuteranopia**  
725612



**Tritanopia**  
585A61

# Trichromacy



**Original Color**  
506105

**Protanomaly**  
5E5D02

**Deuteranomaly**  
665A0D

**Tritanomaly**  
555D40

# Monochromacy



**Original Color**  
506105

**Achromatopsia**  
515151

**Achromatomaly**  
515735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 506105 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 #506105 looks like.

```
.text, #text, p{  
    color:#506105  
}
```

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 #506105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506105
}
```

## Border

The CSS property to change the border of an element to Hex 506105 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
#506105 }
```

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

```
.border{ border-color:#506105 }
```

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

Here you see how a box with a 4 pixel #506105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506105; -webkit-box-shadow:4px 4px  
4px 4px #506105; box-shadow:4px 4px 4px  
4px #506105 }
```

# Background

The CSS property to change the background color of an element to Hex 506105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506105 }
```

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

```
.background{ background-color:#506105 }
```

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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