

# Converting Colors

Hex(405500)

Have a look what the booklet for  
Hex(405500) contains.

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**Color**

**Hex(405500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	405500
RGB	64, 85, 0
RGB Percent	25%, 33%, 0%
CMY	0.7490, 0.6667, 1.0000
CMYK	0.25, 0.00, 1.00, 0.67
HSL	75°, 100%, 17%
HSV	75°, 100%, 33%
XYZ	5.3629, 7.5870, 1.1818
YIQ	69.0310, 14.7690, -30.8870

# Conversions

## Conversions Part 2

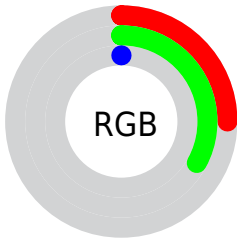
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 85, 21</a>
Decimal	<a href="#">4216064</a>
CIELab	<a href="#">33.11, -19.90, 40.39</a>
CIElCh	<a href="#">33, 45.022, 116.227</a>
Yxy	<a href="#">7.5870, 0.3795, 0.5369</a>
Android (android.graphics.Color)	<a href="#">4282406144 (0xFF405500)</a>
YUV	<a href="#">69.0310, -34.0323, -4.4122</a>
Hunter-Lab	<a href="#">27.5445, -13.4493, 16.7373</a>

# Details

The Hex color **405500** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **150055**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **738736**, and **0F2800** is the 20% darker color. If you saturate the color by 10%, you get **405500**, and if you desaturate by 10%, it is **425508**.

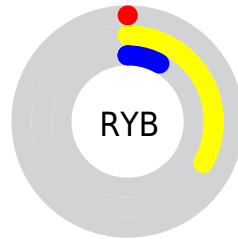
# Distribution



Red (25%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (8%)

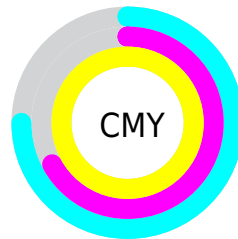


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (75%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 405500 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 405500 by changing the saturation by 10% instead.



 405500

 405500

 FFFFF0

 293E00

 738736

 0F2800

 8DA14E

 001300

 A9BC67

 000000

 C5D881

 E1F49C

 FEFFB7

 FFFFD3

 405500

■ 425508

■ 445511

■ 465519

■ 485522

■ 4A552A

■ 4D5533

■ 4F553B

■ 515544

■ 53554C

# Harmonies

## Analogous

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



624B00



405500



005B24

# Triad

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



405500



005B89



8A2854

# Complementary

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



405500



150055

# 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.



743576



405500



005495

# Square

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



405500



005E6C



43468E



8B2D31

# Rectangle

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



405500



005D3C



43468E



852B60



# Sweetspot

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



405500



666E4D



551400



333824



B8B8B8



383838



# Same Dimension

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



405500



536E00



175500



2A2B27



516B00



B1EB00



# Inverse Universe

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



150055



1B006E



3E0055



28272B



1A006B



3A00EB



# Previews

## White Background



This preview shows how the Hex color 405500 looks on a white background.

## Color Contrast Check

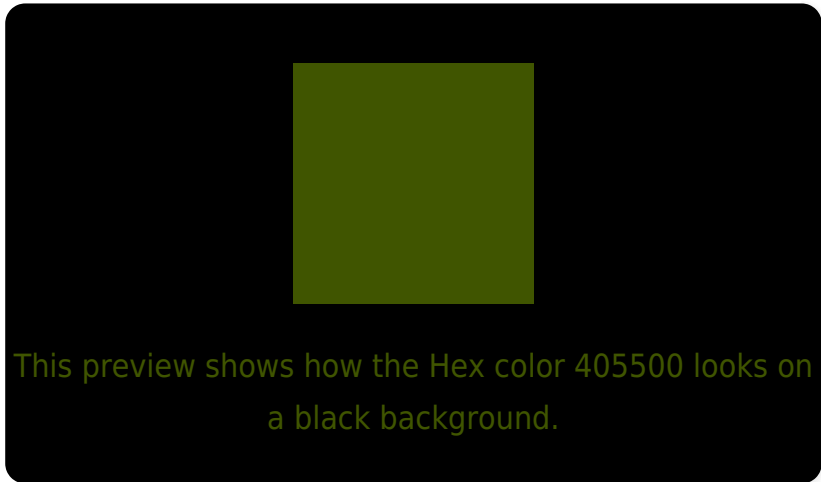
Large Text (above 18pt) WCAG AA ✓ Pass

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

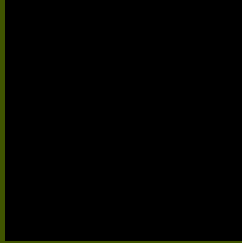
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 405500 Background



This preview shows how black text looks on a background with the Hex color 405500.



This preview shows how white text looks on a background with the Hex color 405500.

# 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**  
405500

**Protanopia**  
584E00

**Deuteranopia**  
624A10



**Tritanopia**  
484F55

# Trichromacy



**Original Color**  
405500

**Protanomaly**  
4F5100

**Deuteranomaly**  
564E0A

**Tritanomaly**  
455136

# Monochromacy



**Original Color**  
405500

**Achromatopsia**  
454545

**Achromatomaly**  
434B2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 405500 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 #405500 looks like.

```
.text, #text, p{  
    color:#405500  
}
```

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 #405500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405500
}
```

## Border

The CSS property to change the border of an element to Hex 405500 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
#405500 }
```

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

```
.border{ border-color:#405500 }
```

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

Here you see how a box with a 4 pixel #405500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405500; -webkit-box-shadow:4px 4px  
4px 4px #405500; box-shadow:4px 4px 4px  
4px #405500 }
```

# Background

The CSS property to change the background color of an element to Hex 405500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405500 }
```

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

```
.background{ background-color:#405500 }
```

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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