

# Converting Colors

Hex(566700)

Have a look what the booklet for  
Hex(566700) contains.

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**Color**

**Hex(566700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	566700
RGB	86, 103, 0
RGB Percent	34%, 40%, 0%
CMY	0.6627, 0.5961, 1.0000
CMYK	0.17, 0.00, 1.00, 0.60
HSL	70°, 100%, 20%
HSV	70°, 100%, 40%
XYZ	8.6880, 11.6789, 1.7964
YIQ	86.1750, 22.9310, -35.6370

# Conversions

## Conversions Part 2

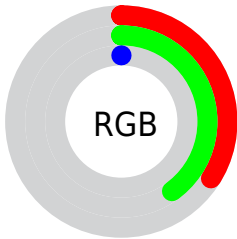
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 17
Decimal	5662464
CIELab	40.70, -19.17, 46.85
CIElCh	41, 50.617, 112.254
Yxy	11.6789, 0.3920, 0.5269
Android (android.graphics.Color)	4283852544 (0xFF566700)
YUV	86.1750, -42.4843, -0.1535
Hunter-Lab	34.1744, -14.4261, 20.8056

# Details

The Hex color **566700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110067**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8B9A3B**, and **243800** is the 20% darker color. If you saturate the color by 10%, you get **566700**, and if you desaturate by 10%, it is **58670A**.

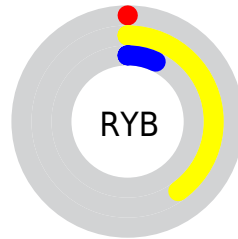
# Distribution



Red (34%)

Green (40%)

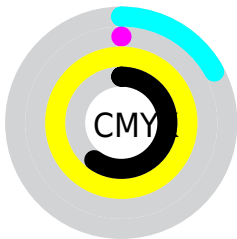
Blue (0%)



Red (0%)

Yellow (40%)

Blue (7%)

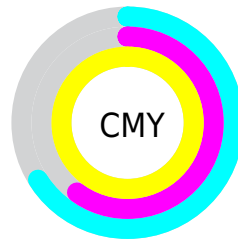


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (66%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 566700 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 566700 by changing the saturation by 10% instead.



 566700

 566700

 FFFFF9

 3D4F00

 8B9A3B

 243800

 A6B554

 082300

 C2D06E

 000500

 DFED89

 000000

 FCFFA4

 FFFFBF

 FFFFDC

 566700

 58670A

 596715

 5B671F

 5D6729

 5F6734

 60673E

 626748

 646752

 65675D

# Harmonies

## Analogous

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



7D5A00



566700



1A6F29

# Triad

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



566700



0070A1



A4366D

# Complementary

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



566700



110067

# 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.



874693



566700



0068B2

# Square

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



566700



00737E



495AAD



A93843

# Rectangle

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



566700



007145



495AAD



9D3A7A



# Sweetspot

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



566700



80875F



670F00



41452C



C4C4C4



454545



# Same Dimension

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



566700



718700



246700



32332E



607300



CAF200



# Inverse Universe

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



110067



160087



430067



2F2E33



130073



2800F2



# Previews

## White Background



This preview shows how the Hex color 566700 looks on a white background.

## Color Contrast Check

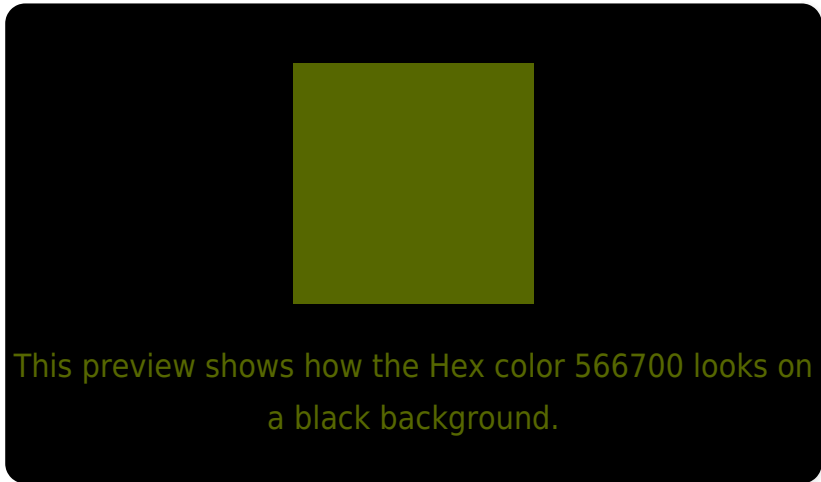
Large Text (above 18pt) WCAG AA ✓ Pass

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

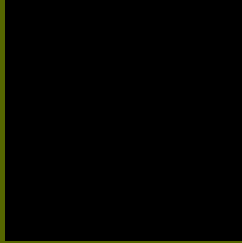
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 566700 Background



This preview shows how black text looks on a background with the Hex color 566700.



This preview shows how white text looks on a background with the Hex color 566700.

# 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**  
566700

**Protanopia**  
6C6000

**Deuteranopia**  
795B12



**Tritanopia**  
5E6067

# Trichromacy



**Original Color**  
566700

**Protanomaly**  
646300

**Deuteranomaly**  
6C5F0B

**Tritanomaly**  
5B6342

# Monochromacy



**Original Color**  
566700

**Achromatopsia**  
565656

**Achromatomaly**  
565C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 566700 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 #566700 looks like.

```
.text, #text, p{  
    color:#566700  
}
```

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 #566700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566700
}
```

## Border

The CSS property to change the border of an element to Hex 566700 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
#566700 }
```

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

```
.border{ border-color:#566700 }
```

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

Here you see how a box with a 4 pixel #566700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566700; -webkit-box-shadow:4px 4px  
4px 4px #566700; box-shadow:4px 4px 4px  
4px #566700 }
```

# Background

The CSS property to change the background color of an element to Hex 566700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566700 }
```

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

```
.background{ background-color:#566700 }
```

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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