

Converting Colors

Hex(566035)

Have a look what the booklet for
Hex(566035) contains.

Hex(566035)	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(566035)

Conversions

Conversions Part 1

Format	Color
Hex	566035
RGB	86, 96, 53
RGB Percent	34%, 38%, 21%
CMY	0.6627, 0.6235, 0.7922
CMYK	0.10, 0.00, 0.45, 0.62
HSL	74°, 29%, 29%
HSV	74°, 45%, 38%
XYZ	8.6632, 10.6012, 4.9578
YIQ	88.1080, 7.8430, -15.4930

Conversions

Conversions Part 2

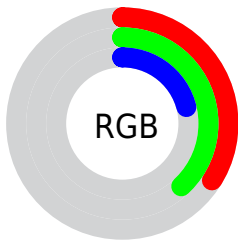
Format	Color
RYB	53, 96, 63
Decimal	5660725
CIELab	38.90, -11.62, 23.24
CIELCh	39, 25.983, 116.571
Yxy	10.6012, 0.3577, 0.4377
Android (android.graphics.Color)	4283850805 (0xFF566035)
YUV	88.1080, -17.3082, -1.8487
Hunter-Lab	32.5595, -9.4850, 13.7636

Details

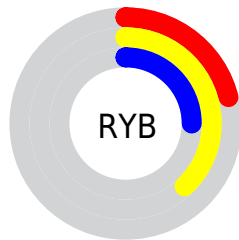
The Hex color **566035** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F3560**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **899264**, and **283208** is the 20% darker color. If you saturate the color by 10%, you get **54602B**, and if you desaturate by 10%, it is **58603F**.

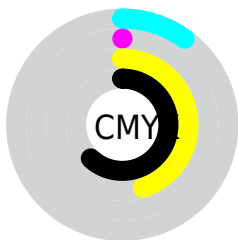
Distribution



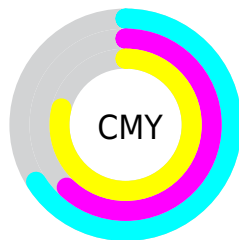
- Red (34%)
- Green (38%)
- Blue (21%)



- Red (21%)
- Yellow (38%)
- Blue (25%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (62%)



- Cyan (66%)
- Magenta (62%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566035 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 566035 by changing the saturation by 10% instead.

 566035

 566035

FFFFFF

 3E481F

 899264

 283208

 A3AD7E

 121D00

 BEC898

 000000

 DAE4B3

 F7FFCE

 FFFFEB

 566035

 566035

 54602B

 58603F

■ 526022

■ 5A6048

■ 4F6018

■ 5D6052

■ 4D600F

■ 5F605B

■ 4B6005

■ 616065

■ 4A6000

■ 63606F

■ 666078

■ 686082

■ 6A608B

Harmonies

Analogous

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



6B5A31



566035



3D6444

Triad

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



566035



03647E



824B5F

Complementary

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



566035



3F3560

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.



744F73



566035



375E85

Square

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



566035



00666E



5A5781



844C4A

Rectangle

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



566035



296651



5A5781



7F4C66

Sweetspot

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



566035



797D6D



603E35



3D4036



BFBFBF



404040

Same Dimension

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



566035



6D7D39



416035



2F302C



567000



B8F000

Inverse Universe

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



3F3560



49397D



543560



2D2C30



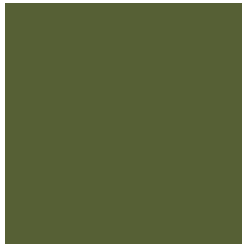
1A0070



3800F0

Previews

White Background



This preview shows how the Hex color 566035 looks on a white background.

Color Contrast Check

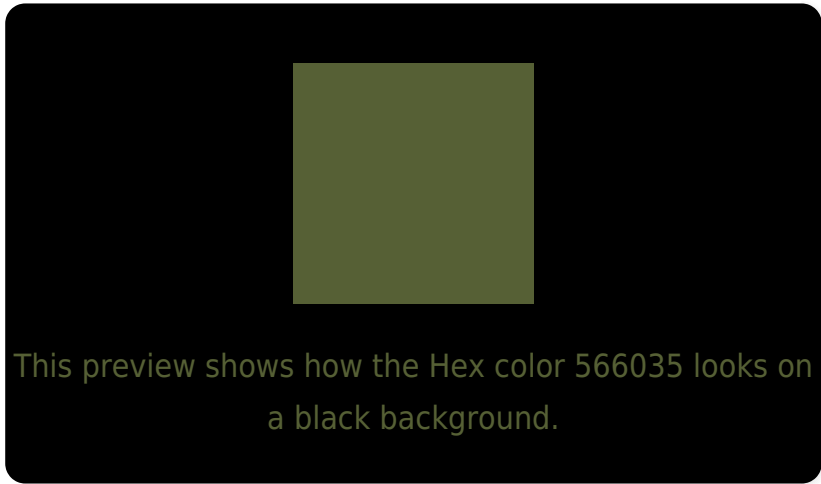
Large Text (above 18pt) WCAG AA ✓ Pass

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

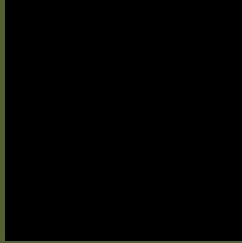
Any Text WCAG AA × Fail

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 566035 Background



This preview shows how black text looks on a background with the Hex color 566035.



This preview shows how white text looks on a background with the Hex color 566035.

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
566035

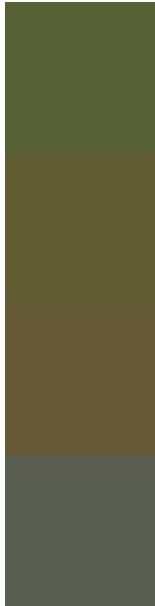
Protanopia
655C33

Deuteranopia
6F5737



Tritanopia
5C5B62

Trichromacy



Original Color
566035

Protanomaly
605D34

Deuteranomaly
665A36

Tritanomaly
5A5D52

Monochromacy



Original Color
566035

Achromatopsia
585858

Achromatomaly
575B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 566035 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 #566035 looks like.

```
.text, #text, p{  
    color:#566035  
}
```

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 #566035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566035
}
```

Border

The CSS property to change the border of an element to Hex 566035 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
#566035 }
```

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

```
.border{ border-color:#566035 }
```

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

Here you see how a box with a 4 pixel #566035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566035; -webkit-box-shadow:4px 4px  
4px 4px #566035; box-shadow:4px 4px 4px  
4px #566035 }
```

Background

The CSS property to change the background color of an element to Hex 566035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566035 }
```

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

```
.background{ background-color:#566035 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor