

Converting Colors

Hex(566017)

Have a look what the booklet for
Hex(566017) contains.

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Color

Hex(566017)

Conversions

Conversions Part 1

Format	Color
Hex	566017
RGB	86, 96, 23
RGB Percent	34%, 38%, 9%
CMY	0.6627, 0.6235, 0.9098
CMYK	0.10, 0.00, 0.76, 0.62
HSL	68°, 61%, 23%
HSV	68°, 76%, 38%
XYZ	8.1753, 10.4060, 2.3883
YIQ	84.6880, 17.4730, -24.8230

Conversions

Conversions Part 2

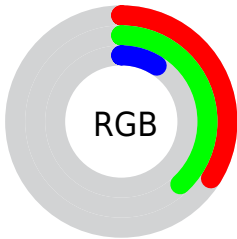
Format	Color
R_{YB}	23, 96, 33
Decimal	5660695
CIE _{Lab}	38.56, -14.47, 38.09
CIE _{LCh}	39, 40.742, 110.800
Yxy	10.4060, 0.3899, 0.4962
Android (android.graphics.Color)	4283850775 (0xFF566017)
YUV	84.6880, -30.4122, 1.1506
Hunter-Lab	32.2584, -11.2147, 18.1913

Details

The Hex color **566017** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **211760**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8A9248**, and **263200** is the 20% darker color. If you saturate the color by 10%, you get **55600D**, and if you desaturate by 10%, it is **576021**.

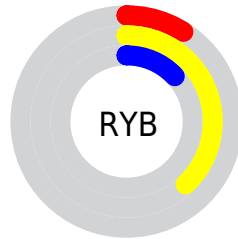
Distribution



Red (34%)

Green (38%)

Blue (9%)



Red (9%)

Yellow (38%)

Blue (13%)

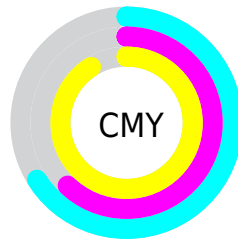


Cyan (10%)

Magenta (0%)

Yellow (76%)

Black (62%)



Cyan (66%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566017 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 566017 by changing the saturation by 10% instead.



566017



566017

FFFFFF



3D4800



8A9248



263200



A5AD61



0A1D00



C1C87A



000000



DDE495



FAFFB0



FFF FCC



FFF FE8



566017



566017

■ 55600D

■ 576021

■ 536004

■ 59602A

■ 536000

■ 5A6034

■ 5B603D

■ 5D6047

■ 5E6051

■ 5F605A

■ 616064

■ 62606D

Harmonies

Analogous

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



755614



566017



2D672F

Triad

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



566017



00688D



923D66

Complementary

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



566017



211760

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.



794885



566017



00619C

Square

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



566017



006B71



495699



973E45

Rectangle

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



566017



006944



495699



8C4071

Sweetspot

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



566017



797D60



602117



3D402E



BFBFBF



404040

Same Dimension

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



566017



6D7D0B



326017



30302C



617000



CFF000

Inverse Universe

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



211760



1B0B7D



451760



2C2C30



0F0070



2100F0

Previews

White Background



This preview shows how the Hex color 566017 looks on a white background.

Color Contrast Check

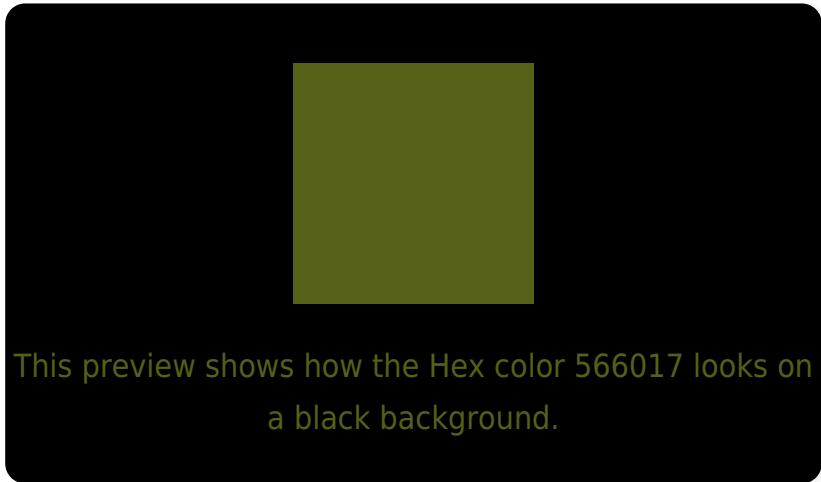
Large Text (above 18pt) WCAG AA ✓ Pass

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

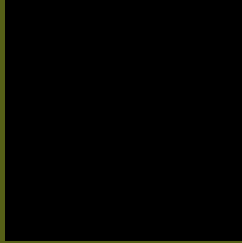
Any Text WCAG AA × Fail

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 566017 Background



This preview shows how black text looks on a background with the Hex color 566017.



This preview shows how white text looks on a background with the Hex color 566017.

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
566017

Protanopia
665B16

Deuteranopia
72561B



Tritanopia
5D5961

Trichromacy



Original Color
566017

Protanomaly
605D16

Deuteranomaly
685A1A

Tritanomaly
5A5C46

Monochromacy



Original Color
566017

Achromatopsia
555555

Achromatomaly
55593E

CSS Examples

Text

The CSS property to change the color of the text to Hex 566017 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 #566017 looks like.

```
.text, #text, p{  
    color:#566017  
}
```

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 #566017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566017
}
```

Border

The CSS property to change the border of an element to Hex 566017 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
#566017 }
```

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

```
.border{ border-color:#566017 }
```

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

Here you see how a box with a 4 pixel #566017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566017; -webkit-box-shadow:4px 4px  
4px 4px #566017; box-shadow:4px 4px 4px  
4px #566017 }
```

Background

The CSS property to change the background color of an element to Hex 566017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566017 }
```

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

```
.background{ background-color:#566017 }
```

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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