

Converting Colors

Hex(566A0F)

Have a look what the booklet for
Hex(566A0F) contains.

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Color

Hex(566A0F)

Conversions

Conversions Part 1

Format	Color
Hex	566A0F
RGB	86, 106, 15
RGB Percent	34%, 42%, 6%
CMY	0.6627, 0.5843, 0.9412
CMYK	0.19, 0.00, 0.86, 0.58
HSL	73°, 75%, 24%
HSV	73°, 86%, 42%
XYZ	9.0780, 12.3210, 2.3517
YIQ	89.6460, 17.2910, -32.5410

Conversions

Conversions Part 2

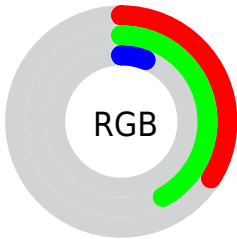
Format	Color
RYB	15, 106, 35
Decimal	5663247
CIELab	41.72, -20.25, 43.82
CIElCh	42, 48.274, 114.798
Yxy	12.3210, 0.3822, 0.5188
Android (android.graphics.Color)	4283853327 (0xFF566A0F)
YUV	89.6460, -36.8005, -3.1975
Hunter-Lab	35.1013, -15.2629, 20.5987

Details

The Hex color **566A0F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **230F6A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8B9D44**, and **253B00** is the 20% darker color. If you saturate the color by 10%, you get **546A04**, and if you desaturate by 10%, it is **586A1A**.

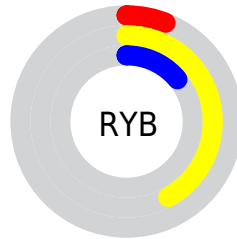
Distribution



Red (34%)

Green (42%)

Blue (6%)



Red (6%)

Yellow (42%)

Blue (14%)

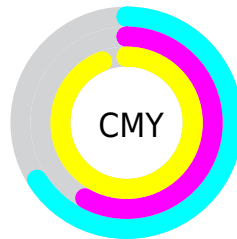


Cyan (19%)

Magenta (0%)

Yellow (86%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566A0F 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 566A0F by changing the saturation by 10% instead.

■ 566A0F

■ 566A0F

FFFFFF

■ 3D5200

■ 8B9D44

■ 253B00

■ A6B85D

■ 0A2500

■ C2D477

■ 000C00

■ DEF091

■ 000000

■ FBFFAD

■ FFFFC8

■ FFFF E5

■ 566A0F

■ 566A0F

■ 546A04

■ 586A1A

■ 536A00

■ 5B6A24

■ 5D6A2F

■ 5F6A39

■ 626A44

■ 646A4F

■ 666A59

■ 696A64

■ 6B6A6E

Harmonies

Analogous

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



7C5E04



566A0F



1C7132

Triad

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



566A0F



0072A3



A63C6B

Complementary

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



566A0F



230F6A

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.



8C4991



566A0F



0069B2

Square

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



566A0F



007583



555BAB



A93F44

Rectangle

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



566A0F



00744C



555BAB



A03F78

Sweetspot

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



566A0F



828A66



6A230F



404530



C4C4C4



454545

Same Dimension

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



566A0F



6B8A00



296A0F



343630



5C7500



BFF500

Inverse Universe

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



230F6A



1E008A



500F6A



313036



1A0075



3600F5

Previews

White Background



This preview shows how the Hex color 566A0F looks on a white background.

Color Contrast Check

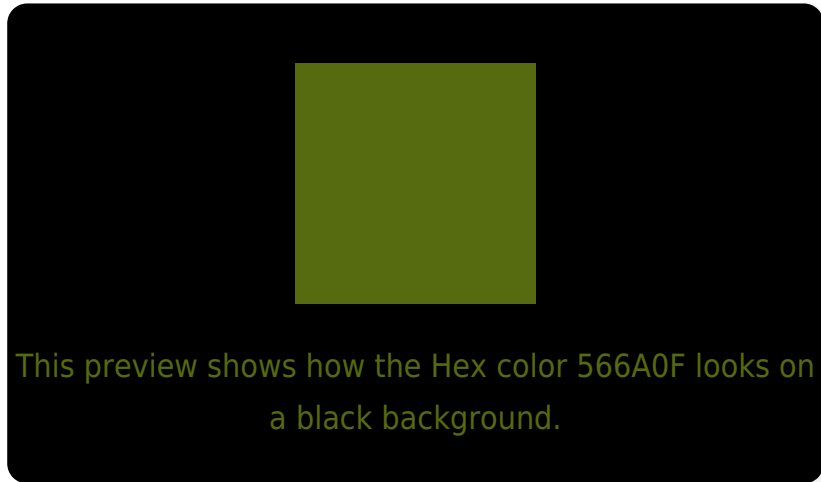
Large Text (above 18pt) WCAG AA ✓ Pass

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

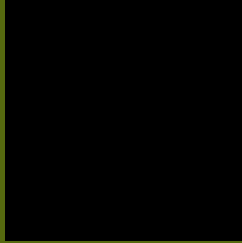
Any Text WCAG AA × Fail

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 566A0F Background



This preview shows how black text looks on a background with the Hex color 566A0F.



This preview shows how white text looks on a background with the Hex color 566A0F.

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
566A0F

Protanopia
6F630D

Deuteranopia
7C5D17



Tritanopia
5F636A

Trichromacy



Original Color
566A0F

Protanomaly
66660E

Deuteranomaly
6E6214

Tritanomaly
5C6649

Monochromacy



Original Color
566A0F

Achromatopsia
5A5A5A

Achromatomaly
59603F

CSS Examples

Text

The CSS property to change the color of the text to Hex 566A0F 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 #566A0F looks like.

```
.text, #text, p{  
    color:#566A0F  
}
```

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 #566A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566A0F
}
```

Border

The CSS property to change the border of an element to Hex 566A0F 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
#566A0F }
```

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

```
.border{ border-color:#566A0F }
```

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

Here you see how a box with a 4 pixel #566A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566A0F; -webkit-box-shadow:4px 4px  
4px 4px #566A0F; box-shadow:4px 4px 4px  
4px #566A0F }
```

Background

The CSS property to change the background color of an element to Hex 566A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566A0F }
```

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

```
.background{ background-color:#566A0F }
```

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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