

Converting Colors

Hex(566D19)

Have a look what the booklet for
Hex(566D19) contains.

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Color

Hex(566D19)

Conversions

Conversions Part 1

Format	Color
Hex	566D19
RGB	86, 109, 25
RGB Percent	34%, 43%, 10%
CMY	0.6627, 0.5725, 0.9020
CMYK	0.21, 0.00, 0.77, 0.57
HSL	76°, 63%, 26%
HSV	76°, 77%, 43%
XYZ	9.4819, 12.9859, 2.9265
YIQ	92.5470, 13.2560, -31.0000

Conversions

Conversions Part 2

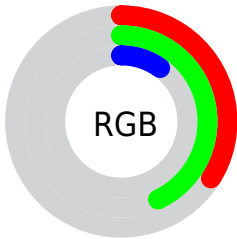
Format	Color
R_{YB}	25, 109, 48
Decimal	5664025
CIE _{Lab}	42.74, -21.30, 41.37
CIE _{LCh}	43, 46.534, 117.248
Yxy	12.9859, 0.3734, 0.5114
Android (android.graphics.Color)	4283854105 (0xFF566D19)
YUV	92.5470, -33.3007, -5.7417
Hunter-Lab	36.0360, -16.0956, 20.4102

Details

The Hex color **566D19** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **30196D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8AA14B**, and **253D00** is the 20% darker color. If you saturate the color by 10%, you get **536D0E**, and if you desaturate by 10%, it is **596D24**.

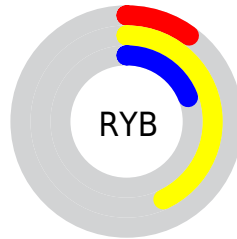
Distribution



Red (34%)

Green (43%)

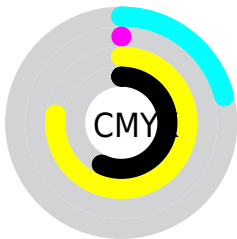
Blue (10%)



Red (10%)

Yellow (43%)

Blue (19%)

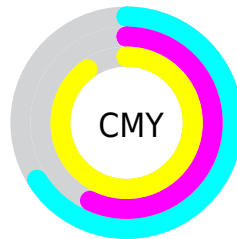


Cyan (21%)

Magenta (0%)

Yellow (77%)

Black (57%)



Cyan (66%)

Magenta (57%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566D19 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 566D19 by changing the saturation by 10% instead.

 566D19

 566D19

FFFFFF

 3D5500

 8AA14B

 253D00

 A5BC64

 0B2700

 C1D77E

 001100

 DEF499

 000000

 FBFFB4

 FFFFD0

 FFFFED

 566D19

 566D19

■ 536D0E

■ 596D24

■ 506D03

■ 5C6D2F

■ 4F6D00

■ 5F6D3A

■ 626D45

■ 656D4F

■ 686D5A

■ 6B6D65

■ 6E6D70

■ 716D7B

Harmonies

Analogous

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



7C620E



566D19



1D7439

Triad

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



566D19



0073A5



A7406A

Complementary

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



566D19



30196D

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.



904B8F



566D19



006AB2

Square

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



566D19



007787



5E5CAA



A94444

Rectangle

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



566D19



007653



5E5CAA



A24377

Sweetspot

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



566D19



868F6E



6D2F19



424733



C7C7C7



474747

Same Dimension

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



566D19



6B8F0B



2D6D19



343630



557500



B2F500

Inverse Universe

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



30196D



2F0B8F



59196D



323036



200075



4300F5

Previews

White Background



This preview shows how the Hex color 566D19 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

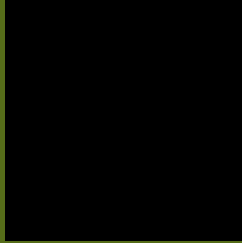
Any Text WCAG AA × Fail

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 566D19 Background



This preview shows how black text looks on a background with the Hex color 566D19.



This preview shows how white text looks on a background with the Hex color 566D19.

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](#).

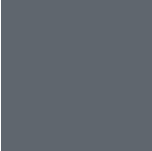
Dichromacy



Original Color
566D19

Protanopia
716517

Deuteranopia
7E601F



Tritanopia
5F666E

Trichromacy



Original Color
566D19

Protanomaly
676818

Deuteranomaly
6F651D

Tritanomaly
5C694F

Monochromacy



Original Color
566D19

Achromatopsia
5D5D5D

Achromatomaly
5A6344

CSS Examples

Text

The CSS property to change the color of the text to Hex 566D19 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 #566D19 looks like.

```
.text, #text, p{  
    color:#566D19  
}
```

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 #566D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566D19
}
```

Border

The CSS property to change the border of an element to Hex 566D19 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
#566D19 }
```

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

```
.border{ border-color:#566D19 }
```

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

Here you see how a box with a 4 pixel #566D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566D19; -webkit-box-shadow:4px 4px  
4px 4px #566D19; box-shadow:4px 4px 4px  
4px #566D19 }
```

Background

The CSS property to change the background color of an element to Hex 566D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566D19 }
```

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

```
.background{ background-color:#566D19 }
```

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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