

Converting Colors

Hex(566816)

Have a look what the booklet for
Hex(566816) contains.

Hex(566816)	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(566816)

Conversions

Conversions Part 1

Format	Color
Hex	566816
RGB	86, 104, 22
RGB Percent	34%, 41%, 9%
CMY	0.6627, 0.5922, 0.9137
CMYK	0.17, 0.00, 0.79, 0.59
HSL	73°, 65%, 25%
HSV	73°, 79%, 41%
XYZ	8.9329, 11.9370, 2.5923
YIQ	89.2700, 15.5940, -29.3180

Conversions

Conversions Part 2

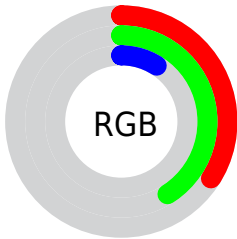
Format	Color
R_{YB}	22, 104, 40
Decimal	5662742
CIE _{Lab}	41.12, -18.86, 40.94
CIE _{LCh}	41, 45.075, 114.735
Yxy	11.9370, 0.3807, 0.5088
Android (android.graphics.Color)	4283852822 (0xFF566816)
YUV	89.2700, -33.1641, -2.8678
Hunter-Lab	34.5499, -14.3113, 19.7364

Details

The Hex color **566816** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **281668**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8A9B48**, and **253900** is the 20% darker color. If you saturate the color by 10%, you get **54680C**, and if you desaturate by 10%, it is **586820**.

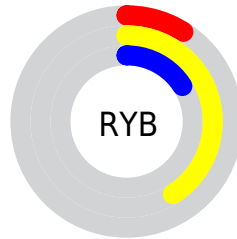
Distribution



 Red (34%)

 Green (41%)

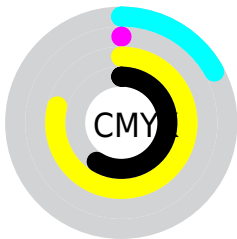
 Blue (9%)




 Red (9%)

 Yellow (41%)

 Blue (16%)

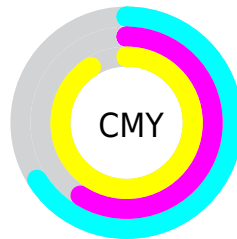


 Cyan (17%)

 Magenta (0%)

 Yellow (79%)

 Black (59%)



 Cyan (66%)

 Magenta (59%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566816 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 566816 by changing the saturation by 10% instead.



566816



566816

FFFFFF



3D5000



8A9B48



253900



A5B661



0B2300



C1D27B



000800



DEEE96



000000



FBFFB1



FFFPCD



FFFPE9



566816



566816

■ 54680C

■ 586820

■ 516801

■ 5B682B

■ 516800

■ 5D6835

■ 5F6840

■ 61684A

■ 646854

■ 66685F

■ 686869

■ 6B6874

Harmonies

Analogous

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



795D0E



566816



236F34

Triad

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



566816



006F9D



A03E69

Complementary

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



566816



281668

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.



874A8C



566816



0067AB

Square

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



566816



00727F



555AA4



A34144

Rectangle

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



566816



00714C



555AA4



9A4175

Sweetspot

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



566816



808767



682816



404531



C4C4C4



454545

Same Dimension

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



566816



6B8707



2D6816



32332E



5A7300



BDF200

Inverse Universe

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



281668



230787



511668



2F2E33



190073



3500F2

Previews

White Background



This preview shows how the Hex color 566816 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

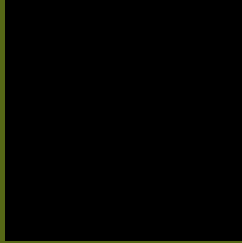
Any Text WCAG AA × Fail

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 566816 Background



This preview shows how black text looks on a background with the Hex color 566816.



This preview shows how white text looks on a background with the Hex color 566816.

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
566816

Protanopia
6D6114

Deuteranopia
795C1C



Tritanopia
5E6169

Trichromacy



Original Color
566816

Protanomaly
656415

Deuteranomaly
6C601A

Tritanomaly
5B644B

Monochromacy



Original Color
566816

Achromatopsia
595959

Achromatomaly
585E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 566816 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 #566816 looks like.

```
.text, #text, p{  
    color:#566816  
}
```

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 #566816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566816
}
```

Border

The CSS property to change the border of an element to Hex 566816 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
#566816 }
```

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

```
.border{ border-color:#566816 }
```

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

Here you see how a box with a 4 pixel #566816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566816; -webkit-box-shadow:4px 4px  
4px 4px #566816; box-shadow:4px 4px 4px  
4px #566816 }
```

Background

The CSS property to change the background color of an element to Hex 566816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566816 }
```

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

```
.background{ background-color:#566816 }
```

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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