

Converting Colors

Hex(5E6709)

Have a look what the booklet for
Hex(5E6709) contains.

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Color

Hex(5E6709)

Conversions

Conversions Part 1

Format	Color
Hex	5E6709
RGB	94, 103, 9
RGB Percent	37%, 40%, 4%
CMY	0.6314, 0.5961, 0.9647
CMYK	0.09, 0.00, 0.91, 0.60
HSL	66°, 84%, 22%
HSV	66°, 91%, 40%
XYZ	9.5156, 12.0999, 2.0924
YIQ	89.5930, 24.8100, -31.1420

Conversions

Conversions Part 2

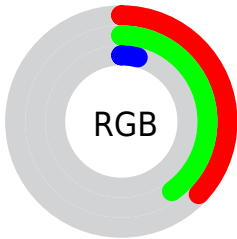
Format	Color
R_{YB}	9, 103, 18
Decimal	6186761
CIE _{Lab}	41.37, -15.14, 45.35
CIE _{LCh}	41, 47.810, 108.456
Yxy	12.0999, 0.4014, 0.5104
Android (android.graphics.Color)	4284376841 (0xFF5E6709)
YUV	89.5930, -39.7323, 3.8649
Hunter-Lab	34.7849, -12.0437, 20.7829

Details

The Hex color **5E6709** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **120967**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **939A40**, and **2C3800** is the 20% darker color. If you saturate the color by 10%, you get **5D6700**, and if you desaturate by 10%, it is **5F6713**.

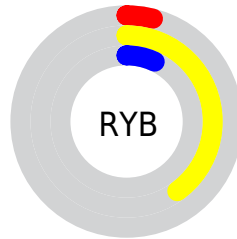
Distribution



Red (37%)

Green (40%)

Blue (4%)



Red (4%)

Yellow (40%)

Blue (7%)

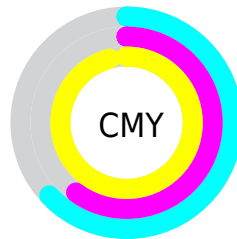


Cyan (9%)

Magenta (0%)

Yellow (91%)

Black (60%)



Cyan (63%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6709 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 5E6709 by changing the saturation by 10% instead.

 5E6709

 5E6709

FFFFFFE

 454F00

 939A40

 2C3800

 AFB559

 132300

 CBD073

 000900

 E8EC8E

 000000

 FFFFA9

 FFFFC5

 FFFFE1

 5E6709

 5E6709

■ 5D6700

■ 5F6713

■ 60671E

■ 616728

■ 626732

■ 63673D

■ 646747

■ 656751

■ 66675B

■ 676766

Harmonies

Analogous

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



825A09



5E6709



2D6F2A

Triad

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



5E6709



00729C



A13D72

Complementary

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



5E6709



120967

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.



824C96



5E6709



006AAF

Square

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



5E6709



007479



435EAC



A83C4B

Rectangle

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



5E6709



007243



435EAC



99417F

Sweetspot

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



5E6709



848763



671109



43452F



C4C4C4



454545

Same Dimension

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



5E6709



7A8700



306709



33332E



687300



DBF200

Inverse Universe

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



120967



0D0087



400967



2E2E33



0B0073



1700F2

Previews

White Background



This preview shows how the Hex color 5E6709 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 5E6709 Background



This preview shows how black text looks on a background with the Hex color 5E6709.



This preview shows how white text looks on a background with the Hex color 5E6709.

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
5E6709

Protanopia
6E6206

Deuteranopia
7B5D13



Tritanopia
656067

Trichromacy



Original Color
5E6709

Protanomaly
686407

Deuteranomaly
70610F

Tritanomaly
626345

Monochromacy



Original Color
5E6709

Achromatopsia
5A5A5A

Achromatomaly
5B5F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6709 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 #5E6709 looks like.

```
.text, #text, p{  
    color:#5E6709  
}
```

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 #5E6709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6709
}
```

Border

The CSS property to change the border of an element to Hex 5E6709 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
#5E6709 }
```

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

```
.border{ border-color:#5E6709 }
```

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

Here you see how a box with a 4 pixel #5E6709 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6709; -webkit-box-shadow:4px 4px  
4px 4px #5E6709; box-shadow:4px 4px 4px  
4px #5E6709 }
```

Background

The CSS property to change the background color of an element to Hex 5E6709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6709 }
```

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

```
.background{ background-color:#5E6709 }
```

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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