

Converting Colors

Hex(5F7009)

Have a look what the booklet for
Hex(5F7009) contains.

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Color

Hex(5F7009)

Conversions

Conversions Part 1

Format	Color
Hex	5F7009
RGB	95, 112, 9
RGB Percent	37%, 44%, 4%
CMY	0.6275, 0.5608, 0.9647
CMYK	0.15, 0.00, 0.92, 0.56
HSL	70°, 85%, 24%
HSV	70°, 92%, 44%
XYZ	10.5628, 14.0410, 2.4119
YIQ	95.1750, 22.9310, -35.6370

Conversions

Conversions Part 2

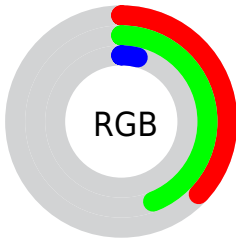
Format	Color
RYB	9, 112, 26
Decimal	6254601
CIELab	44.29, -19.49, 47.78
CIELCh	44, 51.603, 112.188
Yxy	14.0410, 0.3910, 0.5197
Android (android.graphics.Color)	4284444681 (0xFF5F7009)
YUV	95.1750, -42.4843, -0.1535
Hunter-Lab	37.4713, -15.2573, 22.4136

Details

The Hex color **5F7009** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A0970**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **94A442**, and **2D4000** is the 20% darker color. If you saturate the color by 10%, you get **5E7000**, and if you desaturate by 10%, it is **617014**.

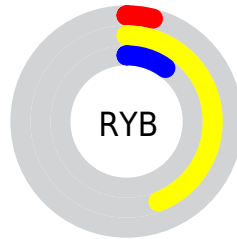
Distribution



Red (37%)

Green (44%)

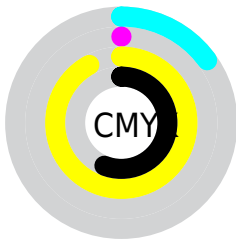
Blue (4%)



Red (4%)

Yellow (44%)

Blue (10%)

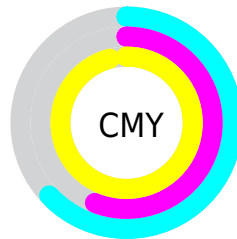


Cyan (15%)

Magenta (0%)

Yellow (92%)

Black (56%)



Cyan (63%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7009 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 5F7009 by changing the saturation by 10% instead.

 5F7009

 5F7009

FFFFFF

 455800

 94A442

 2D4000

 B0BF5C

 132A00

 CCDB76

 001800

 E9F790

 000000

 FFFFAC

 FFFFC7

 FFFFE4

 5F7009

 5F7009

■ 5E7000

■ 617014

■ 63701F

■ 65702B

■ 667036

■ 687041

■ 6A704C

■ 6C7057

■ 6E7063

■ 70706E

Harmonies

Analogous

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



876302



5F7009



247831

Triad

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



5F7009



0079AC



B03F76

Complementary

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



5F7009



1A0970

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.



914F9E



5F7009



0071BE

Square

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



5F7009



007D88



5262B9



B5414B

Rectangle

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



5F7009



007B4D



5262B9



A94384

Sweetspot

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



5F7009



8B9169



701809



464A31



C9C9C9



4A4A4A

Same Dimension

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



5F7009



799100



2D7009



373832



647800



CFF700

Inverse Universe

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



1A0970



180091



4C0970



333238



140078



2900F7

Previews

White Background



This preview shows how the Hex color 5F7009 looks on a white background.

Color Contrast Check

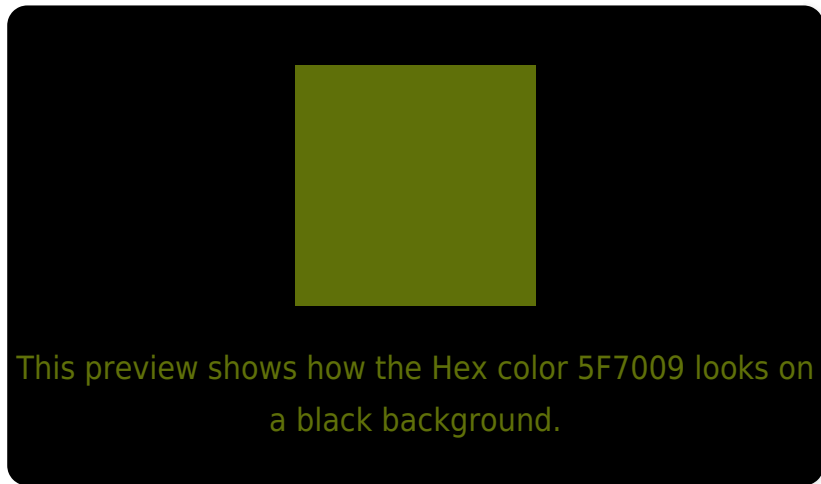
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F7009 Background



This preview shows how black text looks on a background with the Hex color 5F7009.



This preview shows how white text looks on a background with the Hex color 5F7009.

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
5F7009

Protanopia
766904

Deuteranopia
846315



Tritanopia
686870

Trichromacy



Original Color
5F7009

Protanomaly
6E6C06

Deuteranomaly
776811

Tritanomaly
656B4B

Monochromacy



Original Color
5F7009

Achromatopsia
5F5F5F

Achromatomaly
5F6540

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7009 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 #5F7009 looks like.

```
.text, #text, p{  
    color:#5F7009  
}
```

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 #5F7009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7009
}
```

Border

The CSS property to change the border of an element to Hex 5F7009 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
#5F7009 }
```

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

```
.border{ border-color:#5F7009 }
```

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

Here you see how a box with a 4 pixel #5F7009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7009; -webkit-box-shadow:4px 4px  
4px 4px #5F7009; box-shadow:4px 4px 4px  
4px #5F7009 }
```

Background

The CSS property to change the background color of an element to Hex 5F7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7009 }
```

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

```
.background{ background-color:#5F7009 }
```

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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