

Converting Colors

Hex(5F7000)

Have a look what the booklet for
Hex(5F7000) contains.

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Color

Hex(5F7000)

Conversions

Conversions Part 1

Format	Color
Hex	5F7000
RGB	95, 112, 0
RGB Percent	37%, 44%, 0%
CMY	0.6275, 0.5608, 1.0000
CMYK	0.15, 0.00, 1.00, 0.56
HSL	69°, 100%, 22%
HSV	69°, 100%, 44%
XYZ	10.5135, 14.0212, 2.1523
YIQ	94.1490, 25.8200, -38.4360

Conversions

Conversions Part 2

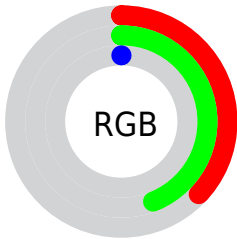
Format	Color
RYB	0, 112, 17
Decimal	6254592
CIELab	44.26, -19.74, 49.83
CIELCh	44, 53.594, 111.613
Yxy	14.0212, 0.3940, 0.5254
Android (android.graphics.Color)	4284444672 (0xFF5F7000)
YUV	94.1490, -46.4155, 0.7463
Hunter-Lab	37.4449, -15.4109, 22.8036

Details

The Hex color **5F7000** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110070**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **95A43D**, and **2C4000** is the 20% darker color. If you saturate the color by 10%, you get **5F7000**, and if you desaturate by 10%, it is **61700B**.

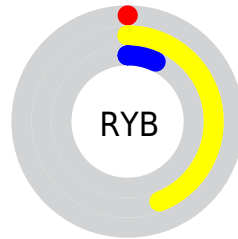
Distribution



Red (37%)

Green (44%)

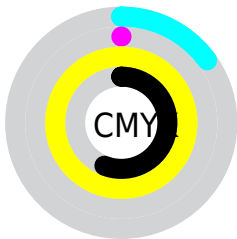
Blue (0%)



Red (0%)

Yellow (44%)

Blue (7%)

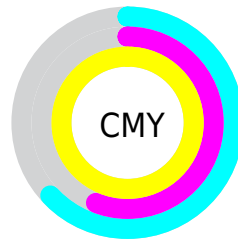


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (63%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7000 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 5F7000 by changing the saturation by 10% instead.

 5F7000

 5F7000

FFFFFFD

 455800

 95A43D

 2C4000

 B0BF57

 122A00

 CDDB71

 001800

 EAF78C

 000000

 FFFFA7

 FFFFC3

 FFFFEO

 5F7000

 61700B

 627016

 647022

 66702D

 677038

 697043

 6B704E

 6D705A

 6E7065

Harmonies

Analogous

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



886200



5F7000



21782D

Triad

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



5F7000



007AAE



B23C77

Complementary

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



5F7000



110070

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.



924DA1



5F7000



0072C1

Square

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



5F7000



007D88



4E62BC



B73E4B

Rectangle

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



5F7000



007B4B



4E62BC



AA4186

Sweetspot

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



5F7000



8B9166



701100



464A2F



C9C9C9



4A4A4A

Same Dimension

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



5F7000



7B9100



277000



373832



667800



D2F700

Inverse Universe

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



110070



160091



490070



333238



120078



2600F7

Previews

White Background



This preview shows how the Hex color 5F7000 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

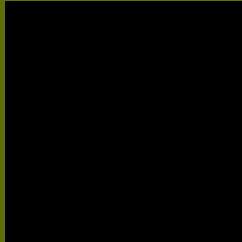
Any Text WCAG AA × Fail

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 5F7000 Background



This preview shows how black text looks on a background with the Hex color 5F7000.



This preview shows how white text looks on a background with the Hex color 5F7000.

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
5F7000

Protanopia
766900

Deuteranopia
846313



Tritanopia
686870

Trichromacy



Original Color
5F7000

Protanomaly
6E6C00

Deuteranomaly
77680C

Tritanomaly
656B47

Monochromacy



Original Color
5F7000

Achromatopsia
5E5E5E

Achromatomaly
5E653C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7000 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 #5F7000 looks like.

```
.text, #text, p{  
    color:#5F7000  
}
```

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 #5F7000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7000
}
```

Border

The CSS property to change the border of an element to Hex 5F7000 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
#5F7000 }
```

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

```
.border{ border-color:#5F7000 }
```

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

Here you see how a box with a 4 pixel #5F7000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7000; -webkit-box-shadow:4px 4px  
4px 4px #5F7000; box-shadow:4px 4px 4px  
4px #5F7000 }
```

Background

The CSS property to change the background color of an element to Hex 5F7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7000 }
```

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

```
.background{ background-color:#5F7000 }
```

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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