

Converting Colors

Hex(5F7104)

Have a look what the booklet for
Hex(5F7104) contains.

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Color

Hex(5F7104)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5F7104 |
| RGB | 95, 113, 4 |
| RGB Percent | 37%, 44%, 2% |
| CMY | 0.6275, 0.5569, 0.9843 |
| CMYK | 0.16, 0.00, 0.96, 0.56 |
| HSL | 70°, 93%, 23% |
| HSV | 70°, 96%, 44% |
| XYZ | 10.6464, 14.2519, 2.3046 |
| YIQ | 95.1920, 24.2610, -37.7150 |

Conversions

Conversions Part 2

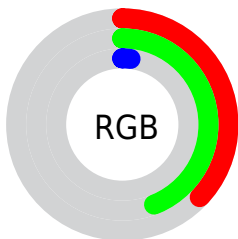
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 4, 113, 22 |
| Decimal | 6254852 |
| CIE Lab | 44.59, -20.15, 49.15 |
| CIE LCh | 45, 53.116, 112.294 |
| Yxy | 14.2519, 0.3914, 0.5239 |
| Android (android.graphics.Color) | 4284444932 (0xFF5F7104) |
| YUV | 95.1920, -44.9577, -0.1684 |
| Hunter-Lab | 37.7517, -15.7267, 22.8067 |

Details

The Hex color **5F7104** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **160471**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **95A540**, and **2C4100** is the 20% darker color. If you saturate the color by 10%, you get **5E7100**, and if you desaturate by 10%, it is **61710F**.

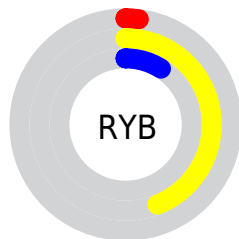
Distribution



Red (37%)

Green (44%)

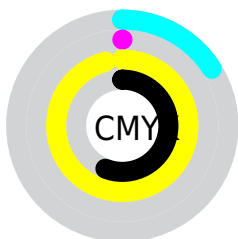
Blue (2%)



Red (2%)

Yellow (44%)

Blue (9%)

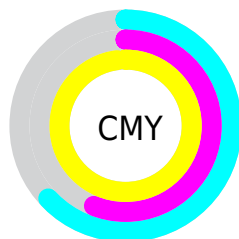


Cyan (16%)

Magenta (0%)

Yellow (96%)

Black (56%)



Cyan (63%)

Magenta (56%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7104 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 5F7104 by changing the saturation by 10% instead.

 5F7104

 5F7104

FFFFFF

 455900

 95A540

 2C4100

 B0C059

 122B00

 CDDC74

 001900

 EAF88E

 000000

 FFFFAA

 FFFFC5

 FFFFEE

 5F7104

 5F7104

■ 5E7100

■ 61710F

■ 63711B

■ 657126

■ 667131

■ 68713D

■ 6A7148

■ 6C7153

■ 6E715E

■ 70716A

Harmonies

Analogous

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



886300



5F7104



217930

Triad

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



5F7104



007BAF



B33E77

Complementary

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



5F7104



160471

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.



934EA0



5F7104



0072C1

Square

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



5F7104



007E8A



5263BC



B8404B

Rectangle

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



5F7104



007C4D



5263BC



AB4285

Sweetspot

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



5F7104



8D9469



711404



464A30



C9C9C9



4A4A4A

Same Dimension

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



5F7104



7B9400



2A7104



373832



647800



CFF700

Inverse Universe

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



160471



180094



4B0471



333238



140078



2900F7

Previews

White Background



This preview shows how the Hex color 5F7104 looks on a white background.

Color Contrast Check

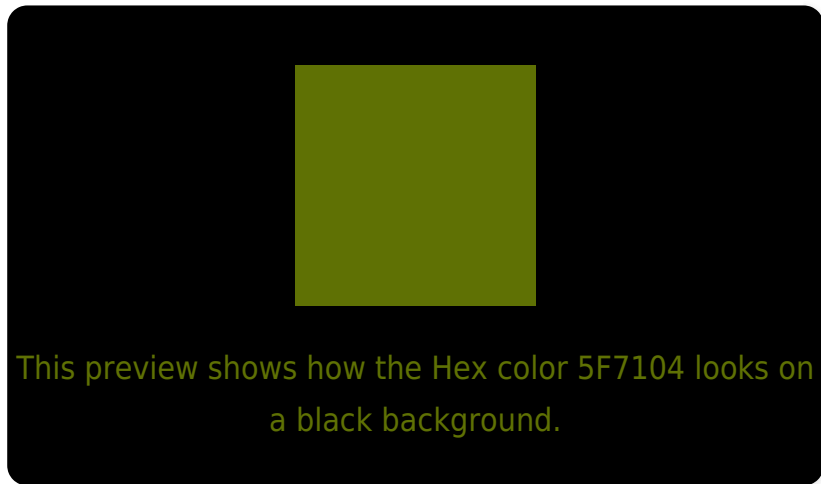
Large Text (above 18pt) WCAG AA ✓ Pass

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

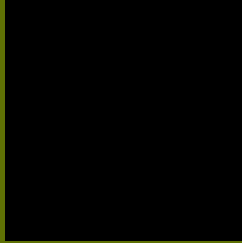
Any Text WCAG AA × Fail

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 5F7104 Background



This preview shows how black text looks on a background with the Hex color 5F7104.



This preview shows how white text looks on a background with the Hex color 5F7104.

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
5F7104

Protanopia
776A00

Deuteranopia
856414



Tritanopia
686971

Trichromacy



Original Color
5F7104

Protanomaly
6E6D01

Deuteranomaly
77690E

Tritanomaly
656C49

Monochromacy



Original Color
5F7104

Achromatopsia
5F5F5F

Achromatomaly
5F663E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7104 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 #5F7104 looks like.

```
.text, #text, p{  
    color:#5F7104  
}
```

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 #5F7104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7104
}
```

Border

The CSS property to change the border of an element to Hex 5F7104 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
#5F7104 }
```

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

```
.border{ border-color:#5F7104 }
```

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

Here you see how a box with a 4 pixel #5F7104 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7104; -webkit-box-shadow:4px 4px  
4px 4px #5F7104; box-shadow:4px 4px 4px  
4px #5F7104 }
```

Background

The CSS property to change the background color of an element to Hex 5F7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7104 }
```

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

```
.background{ background-color:#5F7104 }
```

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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