

Converting Colors

Hex(686114)

Have a look what the booklet for
Hex(686114) contains.

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Color

Hex(686114)

Conversions

Conversions Part 1

Format	Color
Hex	686114
RGB	104, 97, 20
RGB Percent	41%, 38%, 8%
CMY	0.5922, 0.6196, 0.9216
CMYK	0.00, 0.07, 0.81, 0.59
HSL	55°, 68%, 24%
HSV	55°, 81%, 41%
XYZ	10.1099, 11.5430, 2.3570
YIQ	90.3150, 28.8890, -22.4630

Conversions

Conversions Part 2

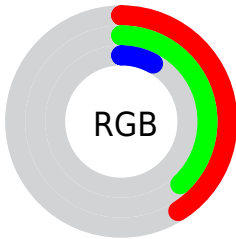
Format	Color
R _Y B	28, 104, 20
Decimal	6840596
CIE Lab	40.48, -6.55, 41.64
CIE LCh	40, 42.152, 98.933
Yxy	11.5430, 0.4211, 0.4808
Android (android.graphics.Color)	4285030676 (0xFF686114)
YUV	90.3150, -34.6653, 12.0017
Hunter-Lab	33.9749, -6.3401, 19.6692

Details

The Hex color **686114** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **141B68**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9E9346**, and **363300** is the 20% darker color. If you saturate the color by 10%, you get **68600A**, and if you desaturate by 10%, it is **68621E**.

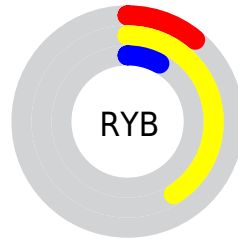
Distribution



Red (41%)

Green (38%)

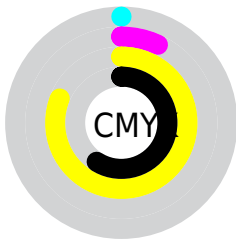
Blue (8%)



Red (11%)

Yellow (41%)

Blue (8%)

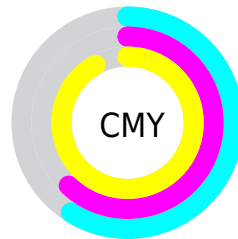


Cyan (0%)

Magenta (7%)

Yellow (81%)

Black (59%)



Cyan (59%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686114 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 686114 by changing the saturation by 10% instead.

 686114

 686114

FFFFFF

 4E4900

 9E9346

 363300

 BAAE5F

 1D1E00

 D6C979

 000300

 F3E593

 000000

 FFFFAE

 FFFFCA

 FFFF7E

 686114

 686114

■ 68600A

■ 68621E

■ 685F00

■ 686329

■ 686433

■ 68643E

■ 686548

■ 686652

■ 68675D

■ 686867

■ 686972

Harmonies

Analogous

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



85551C



686114



436A26

Triad

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



686114



006F8A



914479

Complementary

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



686114



141B68

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.



6F5295



686114



006A9F

Square

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



686114



007069



2C60A4



9E3F56

Rectangle

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



686114



1E6D3A



2C60A4



884884

Sweetspot

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



686114



878467



68141B



454331



C4C4C4



454545

Same Dimension

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



686114



877C04



456814



33332E



736900



F2DE00

Inverse Universe

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



141B68



040F87



371468



2E2E33



000A73



0014F2

Previews

White Background



This preview shows how the Hex color 686114 looks on a white background.

Color Contrast Check

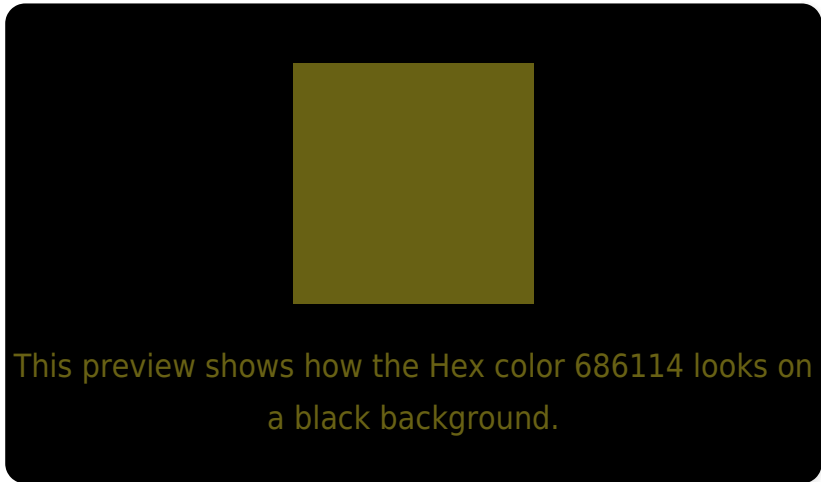
Large Text (above 18pt) WCAG AA ✓ Pass

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 686114 Background



This preview shows how black text looks on a background with the Hex color 686114.



This preview shows how white text looks on a background with the Hex color 686114.

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
686114

Protanopia
6C6014

Deuteranopia
785B17



Tritanopia
6E5A61

Trichromacy



Original Color
686114

Protanomaly
6B6014

Deuteranomaly
725D16

Tritanomaly
6C5D45

Monochromacy



Original Color
686114

Achromatopsia
5A5A5A

Achromatomaly
5F5D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 686114 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 #686114 looks like.

```
.text, #text, p{  
    color:#686114  
}
```

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 #686114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686114
}
```

Border

The CSS property to change the border of an element to Hex 686114 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
#686114 }
```

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

```
.border{ border-color:#686114 }
```

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

Here you see how a box with a 4 pixel #686114 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686114; -webkit-box-shadow:4px 4px  
4px 4px #686114; box-shadow:4px 4px 4px  
4px #686114 }
```

Background

The CSS property to change the background color of an element to Hex 686114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686114 }
```

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

```
.background{ background-color:#686114 }
```

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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