

Converting Colors

Hex(67A104)

Have a look what the booklet for
Hex(67A104) contains.

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Color

Hex(67A104)

Conversions

Conversions Part 1

Format	Color
Hex	67A104
RGB	103, 161, 4
RGB Percent	40%, 63%, 2%
CMY	0.5961, 0.3686, 0.9843
CMYK	0.36, 0.00, 0.98, 0.37
HSL	82°, 95%, 32%
HSV	82°, 98%, 63%
XYZ	18.3603, 28.3821, 4.6255
YIQ	125.7600, 15.8290, -61.1230

Conversions

Conversions Part 2

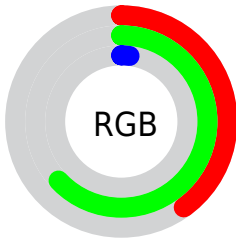
Format	Color
RYB	4, 161, 62
Decimal	6791428
CIELab	60.23, -39.55, 61.65
CIELCh	60, 73.247, 122.683
Yxy	28.3821, 0.3574, 0.5525
Android (android.graphics.Color)	4284981508 (0xFF67A104)
YUV	125.7600, -60.0277, -19.9605
Hunter-Lab	53.2748, -31.7138, 32.1447

Details

The Hex color **67A104** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3E04A1**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9FD84A**, and **2E6D00** is the 20% darker color. If you saturate the color by 10%, you get **66A100**, and if you desaturate by 10%, it is **6DA114**.

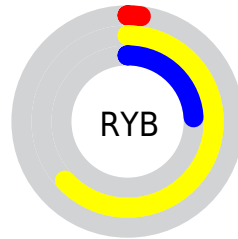
Distribution



Red (40%)

Green (63%)

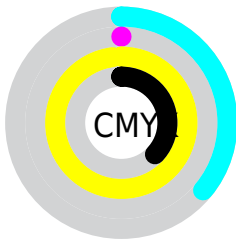
Blue (2%)



Red (2%)

Yellow (63%)

Blue (24%)

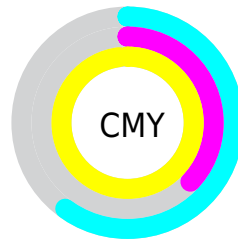


Cyan (36%)

Magenta (0%)

Yellow (98%)

Black (37%)



Cyan (60%)

Magenta (37%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A104 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 67A104 by changing the saturation by 10% instead.



67A104



67A104

FFFFFF



4B8700



9FD84A



2E6D00



BCF566



0A5400



D9FF81



003C00



F7FF9D



002700



FFFFB9



000200



FFFFD6



000000



FFFFF3



67A104



67A104

■ 66A100

■ 6DA114

■ 73A124

■ 79A134

■ 7FA144

■ 85A154

■ 8BA165

■ 91A175

■ 97A185

■ 9DA195

Harmonies

Analogous

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



A99000



67A104



00AA52

Triad

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



67A104



00A7FF



FF498E

Complementary

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



67A104



3E04A1

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.



E25DCE



67A104



0097FF

Square

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



67A104



00ADD6



967DFF



FC594F

Rectangle

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



67A104



00AD7F



967DFF



FB4CA4

Sweetspot

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



67A104



BBD194



A13E04



5B6944



E8E8E8



696969

Same Dimension

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



67A104



84D100



19A104



4F5249



5C9100



0B1200

Inverse Universe

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



3E04A1



4D00D1



8C04A1



4C4952



360091



070012

Previews

White Background



This preview shows how the Hex color 67A104 looks on a white background.

Color Contrast Check

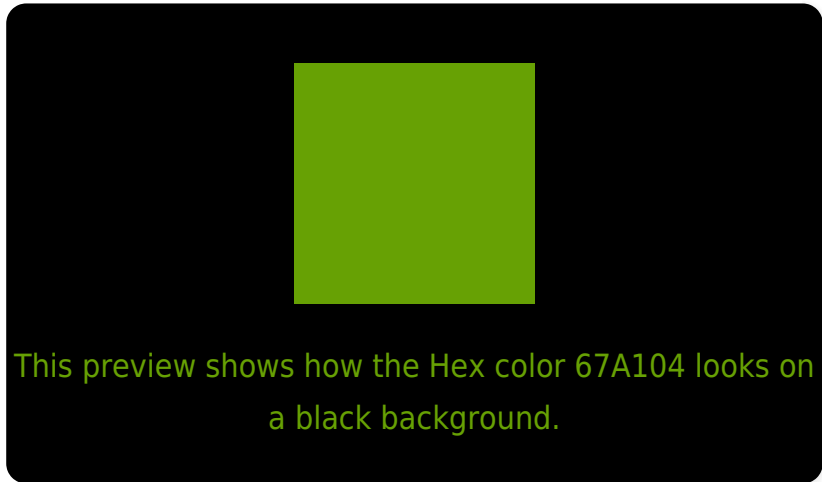
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 67A104 Background



This preview shows how black text looks on a background with the Hex color 67A104.



This preview shows how white text looks on a background with the Hex color 67A104.

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
67A104

Protanopia
A39100

Deuteranopia
B6891F



Tritanopia
7896A2

Trichromacy



Original Color
67A104

Protanomaly
8D9701

Deuteranomaly
999215

Tritanomaly
729A69

Monochromacy



Original Color
67A104

Achromatopsia
7E7E7E

Achromatomaly
768B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 67A104 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 #67A104 looks like.

```
.text, #text, p{  
    color:#67A104  
}
```

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 #67A104 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A104
}
```

Border

The CSS property to change the border of an element to Hex 67A104 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
#67A104 }
```

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

```
.border{ border-color:#67A104 }
```

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

Here you see how a box with a 4 pixel #67A104 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A104; -webkit-box-shadow:4px 4px  
4px 4px #67A104; box-shadow:4px 4px 4px  
4px #67A104 }
```

Background

The CSS property to change the background color of an element to Hex 67A104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A104 }
```

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

```
.background{ background-color:#67A104 }
```

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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