

Converting Colors

Hex(75A034)

Have a look what the booklet for
Hex(75A034) contains.

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Color

Hex(75A034)

Conversions

Conversions Part 1

Format	Color
Hex	75A034
RGB	117, 160, 52
RGB Percent	46%, 63%, 20%
CMY	0.5412, 0.3725, 0.7961
CMYK	0.27, 0.00, 0.68, 0.37
HSL	84°, 51%, 42%
HSV	84°, 68%, 63%
XYZ	20.5268, 29.1715, 7.7976
YIQ	134.8310, 9.0400, -42.7040

Conversions

Conversions Part 2

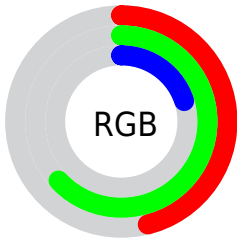
Format	Color
RYB	52, 160, 95
Decimal	7708724
CIELab	60.93, -31.62, 49.59
CIELCh	61, 58.813, 122.526
Yxy	29.1715, 0.3570, 0.5074
Android (android.graphics.Color)	4285898804 (0xFF75A034)
YUV	134.8310, -40.8357, -15.6378
Hunter-Lab	54.0106, -26.6795, 29.2476

Details

The Hex color **75A034** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5F34A0**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ACD768**, and **406C00** is the 20% darker color. If you saturate the color by 10%, you get **6FA024**, and if you desaturate by 10%, it is **7BA044**.

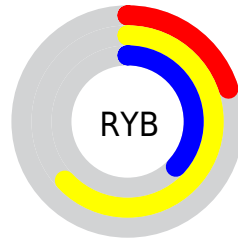
Distribution



Red (46%)

Green (63%)

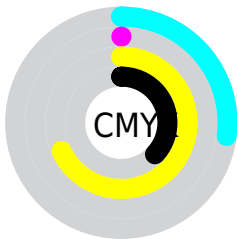
Blue (20%)



Red (20%)

Yellow (63%)

Blue (37%)

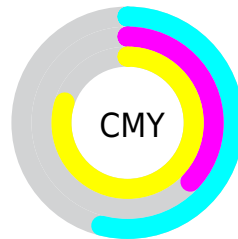


Cyan (27%)

Magenta (0%)

Yellow (68%)

Black (37%)



Cyan (54%)

Magenta (37%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75A034 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 75A034 by changing the saturation by 10% instead.

 75A034

 75A034

FFFFFF

 5A8618

 ACD768

 406C00

 C8F383

 265400

 E5FF9E

 053C00

 FFFFBA

 002600

 FFFFD6

 000600

 FFFFF3

 000000

 75A034

 75A034

 6FA024

 7BA044

 68A014

 82A054

 62A004

 88A064

 60A000

 8EA074

 95A084

 9BA094

 A2A0A4

 A8A0B4

 AEA0C4

Harmonies

Analogous

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



AA921F



75A034



19A861

Triad

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



75A034



00A5EF



F06291

Complementary

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



75A034



5F34A0

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.



D56DC4



75A034



0098FB

Square

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



75A034



00ABCA



9A83EB



ED6A5E

Rectangle

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



75A034



00AB84



9A83EB



EA63A2

Sweetspot

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



75A034



C0D1A7



A05D34



5F694F



E8E8E8



696969

Same Dimension

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



75A034



8ED128



41A034



4C4F47



568F00



090F00

Inverse Universe

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



5F34A0



6B28D1



9334A0



4A474F



39008F



06000F

Previews

White Background



This preview shows how the Hex color 75A034 looks on a white background.

Color Contrast Check

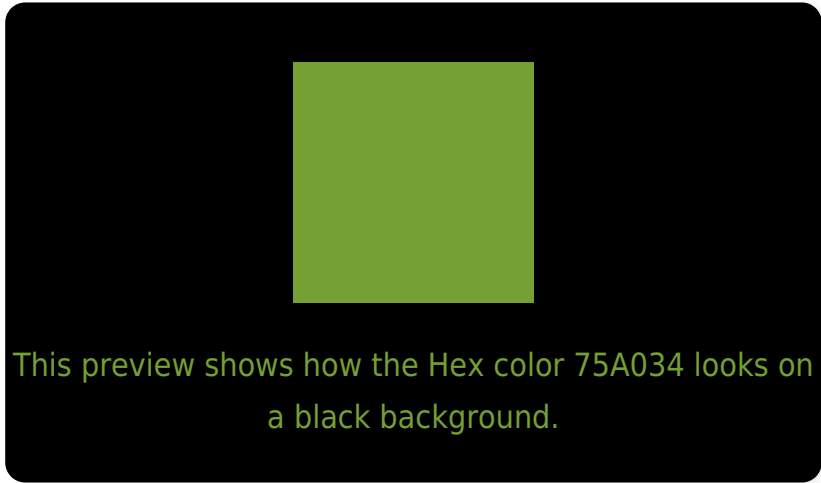
Large Text (above 18pt) WCAG AA ✓ Pass

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 75A034 Background



This preview shows how black text looks on a background with the Hex color 75A034.



This preview shows how white text looks on a background with the Hex color 75A034.

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](#).

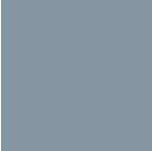
Dichromacy



Original Color
75A034

Protanopia
A49330

Deuteranopia
B68B3B

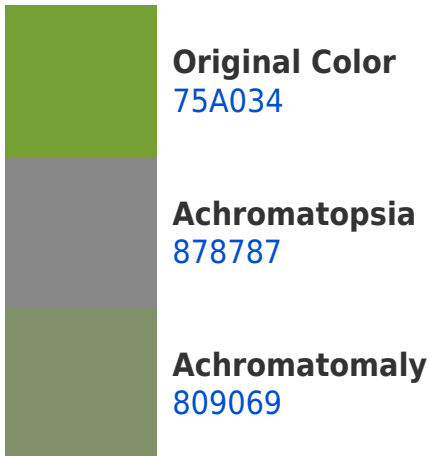


Tritanopia
8396A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75A034 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 #75A034 looks like.

```
.text, #text, p{  
    color:#75A034  
}
```

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 #75A034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A034
}
```

Border

The CSS property to change the border of an element to Hex 75A034 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
#75A034 }
```

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

```
.border{ border-color:#75A034 }
```

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

Here you see how a box with a 4 pixel #75A034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A034; -webkit-box-shadow:4px 4px  
4px 4px #75A034; box-shadow:4px 4px 4px  
4px #75A034 }
```

Background

The CSS property to change the background color of an element to Hex 75A034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A034 }
```

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

```
.background{ background-color:#75A034 }
```

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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