

Converting Colors

Hex(747613)

Have a look what the booklet for
Hex(747613) contains.

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Color

Hex(747613)

Conversions

Conversions Part 1

Format	Color
Hex	747613
RGB	116, 118, 19
RGB Percent	45%, 46%, 7%
CMY	0.5451, 0.5373, 0.9255
CMYK	0.02, 0.00, 0.84, 0.54
HSL	61°, 72%, 27%
HSV	61°, 84%, 46%
XYZ	13.7984, 16.7169, 3.1155
YIQ	106.1160, 30.5870, -31.2130

Conversions

Conversions Part 2

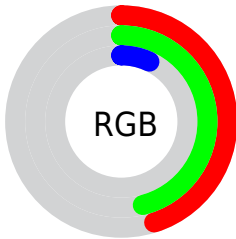
Format	Color
R_{YB}	19, 118, 21
Decimal	7632403
CIE _{Lab}	47.90, -12.65, 49.00
CIE _{LCh}	48, 50.609, 104.477
Yxy	16.7169, 0.4103, 0.4971
Android (android.graphics.Color)	4285822483 (0xFF747613)
YUV	106.1160, -42.9482, 8.6683
Hunter-Lab	40.8863, -11.3103, 24.1025

Details

The Hex color **747613** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **151376**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **ABAA49**, and **414600** is the 20% darker color. If you saturate the color by 10%, you get **747607**, and if you desaturate by 10%, it is **74761F**.

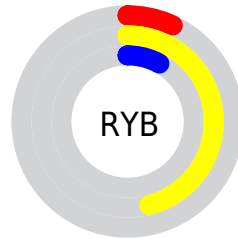
Distribution



Red (45%)

Green (46%)

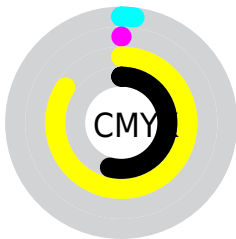
Blue (7%)



Red (7%)

Yellow (46%)

Blue (8%)

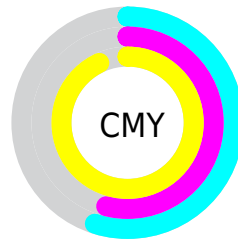


Cyan (2%)

Magenta (0%)

Yellow (84%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747613 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 747613 by changing the saturation by 10% instead.

 747613

 747613

FFFFFF

 5A5D00

 ABAA49

 414600

 C7C563

 273000

 E4E17D

 0B1C00

 FFFE98

 000000

 FFFFB3

 FFFF00

FFFFD0

 FFFFEC

FFFFEC

 747613

 747613

■ 747607

■ 74761F

■ 747600

■ 74762B

■ 757636

■ 757642

■ 75764E

■ 75765A

■ 767666

■ 767671

■ 76767D

Harmonies

Analogous

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



9A6819



747613



438031

Triad

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



747613



0084AD



B44C8A

Complementary

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



747613



151376

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.



8E5DAF



747613



007DC4

Square

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



747613



008686



446FC5



BF495F

Rectangle

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



747613



00834B



446FC5



AA5197

Sweetspot

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



747613



989973



761513



4C4D36



CCCCCC



4D4D4D

Same Dimension

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



747613



969900



437613



3B3B35



787A00



F5FA00

Inverse Universe

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



151376



030099



461376



35353B



02007A



0500FA

Previews

White Background



This preview shows how the Hex color 747613 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 747613 Background



This preview shows how black text looks on a background with the Hex color 747613.



This preview shows how white text looks on a background with the Hex color 747613.

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


747613

Protanopia

807212

Deuteranopia

8F6C1A



Tritanopia
7C6E76

Trichromacy



Original Color
747613

Protanomaly
7C7312

Deuteranomaly
857017

Tritanomaly
797152

Monochromacy



Original Color
747613

Achromatopsia
6A6A6A

Achromatomaly
6E6E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 747613 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 #747613 looks like.

```
.text, #text, p{  
    color:#747613  
}
```

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 #747613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747613
}
```

Border

The CSS property to change the border of an element to Hex 747613 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
#747613 }
```

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

```
.border{ border-color:#747613 }
```

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

Here you see how a box with a 4 pixel #747613 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747613; -webkit-box-shadow:4px 4px  
4px 4px #747613; box-shadow:4px 4px 4px  
4px #747613 }
```

Background

The CSS property to change the background color of an element to Hex 747613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747613 }
```

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

```
.background{ background-color:#747613 }
```

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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