

Converting Colors

Hex(684F30)

Have a look what the booklet for
Hex(684F30) contains.

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Color

Hex(684F30)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 684F30 |
| RGB | 104, 79, 48 |
| RGB Percent | 41%, 31%, 19% |
| CMY | 0.5922, 0.6902, 0.8118 |
| CMYK | 0.00, 0.24, 0.54, 0.59 |
| HSL | 33°, 37%, 30% |
| HSV | 33°, 54%, 41% |
| XYZ | 9.0384, 8.7484, 4.0085 |
| YIQ | 82.9410, 24.8510, -4.3410 |

Conversions

Conversions Part 2

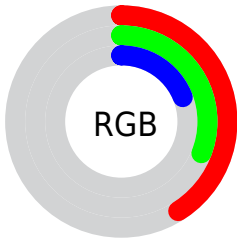
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 93, 104, 48 |
| Decimal | 6836016 |
| CIELab | 35.50, 6.26, 22.25 |
| CIELCh | 35, 23.115, 74.293 |
| Yxy | 8.7484, 0.4147, 0.4014 |
| Android (android.graphics.Color) | 4285026096 (0xFF684F30) |
| YUV | 82.9410, -17.2259, 18.4687 |
| Hunter-Lab | 29.5777, 2.7852, 12.6691 |

Details

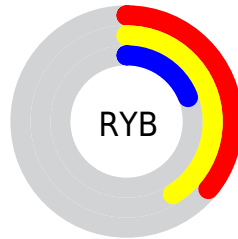
The Hex color **684F30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **304968**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9D805F**, and **372301** is the 20% darker color. If you saturate the color by 10%, you get **684A26**, and if you desaturate by 10%, it is **68543A**.

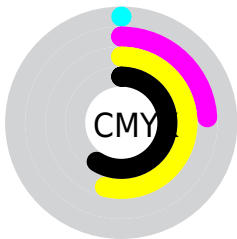
Distribution



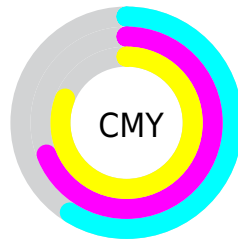
- Red (41%)
- Green (31%)
- Blue (19%)



- Red (36%)
- Yellow (41%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684F30 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 684F30 by changing the saturation by 10% instead.



684F30



684F30

FFFFFF



4F381A



9D805F



372301



B89A78



200E00



D4B591



000000



F1D0AC



FFEDC7



FFFEE4



684F30



684F30



684A26



68543A

■ 68461B

■ 685845

■ 684111

■ 685D4F

■ 683C06

■ 68625A

■ 683A00

■ 686664

■ 686B6E

■ 687079

■ 687483

■ 68798E

Harmonies

Analogous

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



74493B



684F30



57552F

Triad

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



684F30



0D5D5C



614B6E

Complementary

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



684F30



304968

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.



475277



684F30



025C6D

Square

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



684F30



2A5D49



275877



71465E

Rectangle

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



684F30



495934



275877



594E72

Sweetspot

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



684F30



877D72



683049



453F38



C4C4C4



454545

Same Dimension

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



684F30



87602F



656830



33312E



734000



F28600

Inverse Universe

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



304968



2F5787



333068



2E3033



003373



006CF2

Previews

White Background



This preview shows how the Hex color 684F30 looks on a white background.

Color Contrast Check

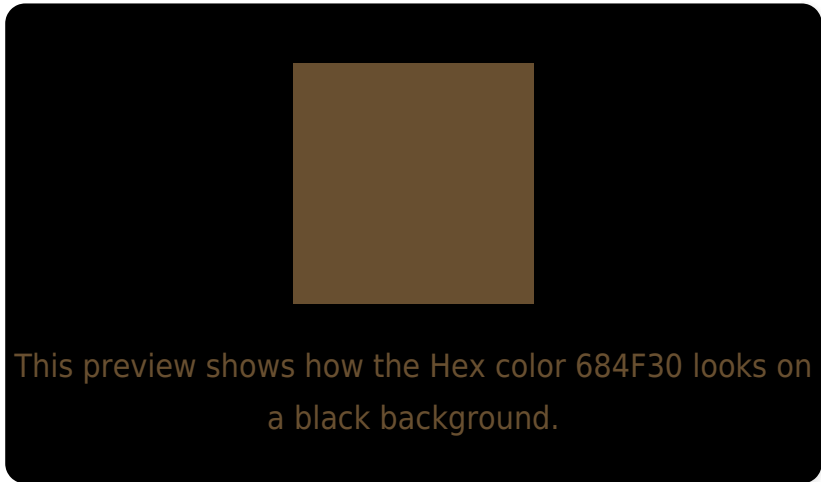
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

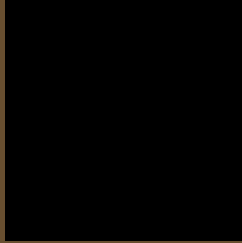
Any Text WCAG AA × Fail

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 684F30 Background



This preview shows how black text looks on a background with the Hex color 684F30.



This preview shows how white text looks on a background with the Hex color 684F30.

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
684F30

Protanopia
5C5432

Deuteranopia
665030



Tritanopia
6B4B51

Trichromacy



Original Color
684F30

Protanomaly
605231

Deuteranomaly
675030

Tritanomaly
6A4C45

Monochromacy



Original Color
684F30

Achromatopsia
535353

Achromatomaly
5B5246

CSS Examples

Text

The CSS property to change the color of the text to Hex 684F30 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 #684F30 looks like.

```
.text, #text, p{  
    color:#684F30  
}
```

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 #684F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684F30
}
```

Border

The CSS property to change the border of an element to Hex 684F30 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
#684F30 }
```

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

```
.border{ border-color:#684F30 }
```

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

Here you see how a box with a 4 pixel #684F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684F30; -webkit-box-shadow:4px 4px  
4px 4px #684F30; box-shadow:4px 4px 4px  
4px #684F30 }
```

Background

The CSS property to change the background color of an element to Hex 684F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684F30 }
```

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

```
.background{ background-color:#684F30 }
```

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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