

Converting Colors

Hex(666A2F)

Have a look what the booklet for
Hex(666A2F) contains.

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Color

Hex(666A2F)

Conversions

Conversions Part 1

Format	Color
Hex	666A2F
RGB	102, 106, 47
RGB Percent	40%, 42%, 18%
CMY	0.6000, 0.5843, 0.8157
CMYK	0.04, 0.00, 0.56, 0.58
HSL	64°, 39%, 30%
HSV	64°, 56%, 42%
XYZ	11.1466, 13.3381, 4.6763
YIQ	98.0780, 16.5550, -19.1970

Conversions

Conversions Part 2

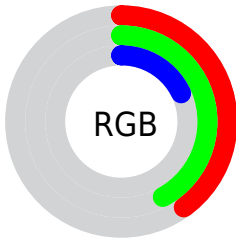
Format	Color
R_{YB}	47, 106, 51
Decimal	6711855
CIE _{Lab}	43.27, -10.73, 32.15
CIE _{LCh}	43, 33.889, 108.453
Yxy	13.3381, 0.3822, 0.4574
Android (android.graphics.Color)	4284901935 (0xFF666A2F)
YUV	98.0780, -25.1815, 3.4396
Hunter-Lab	36.5213, -9.4327, 17.9732

Details

The Hex color **666A2F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **332F6A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9A9D5F**, and **353B00** is the 20% darker color. If you saturate the color by 10%, you get **656A24**, and if you desaturate by 10%, it is **676A3A**.

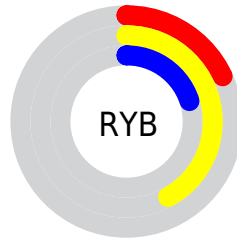
Distribution



Red (40%)

Green (42%)

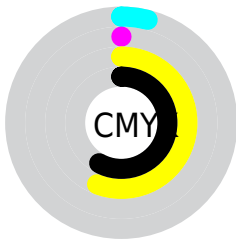
Blue (18%)



Red (18%)

Yellow (42%)

Blue (20%)

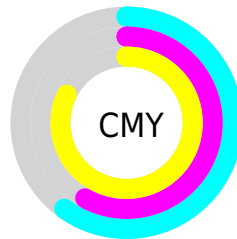


Cyan (4%)

Magenta (0%)

Yellow (56%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666A2F 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 666A2F by changing the saturation by 10% instead.



666A2F



666A2F

FFFFFF



4D5218



9A9D5F



353B00



B6B878



1E2500



D2D492



001200



EEF0AD



000000



FFFFC9



FFFFE5



666A2F



666A2F



656A24



676A3A

■ 656A1A

■ 676A44

■ 646A0F

■ 686A4F

■ 636A05

■ 696A59

■ 636A00

■ 6A6A64

■ 6A6A6F

■ 6B6A79

■ 6C6A84

■ 6C6A8E

Harmonies

Analogous

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



80612E



666A2F



467040

Triad

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



666A2F



00728F



955072

Complementary

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



666A2F



332F6A

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.



7E588C



666A2F



116C9D

Square

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



666A2F



007577



57639B



9B5056

Rectangle

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



666A2F



2A7351



57639B



8F527B

Sweetspot

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



666A2F



888A72



6A332F



444537



C4C4C4



454545

Same Dimension

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



666A2F



838A2D



496A2F



353630



6D7500



E4F500

Inverse Universe

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



332F6A



342D8A



502F6A



313036



080075



1100F5

Previews

White Background



This preview shows how the Hex color 666A2F looks on a white background.

Color Contrast Check

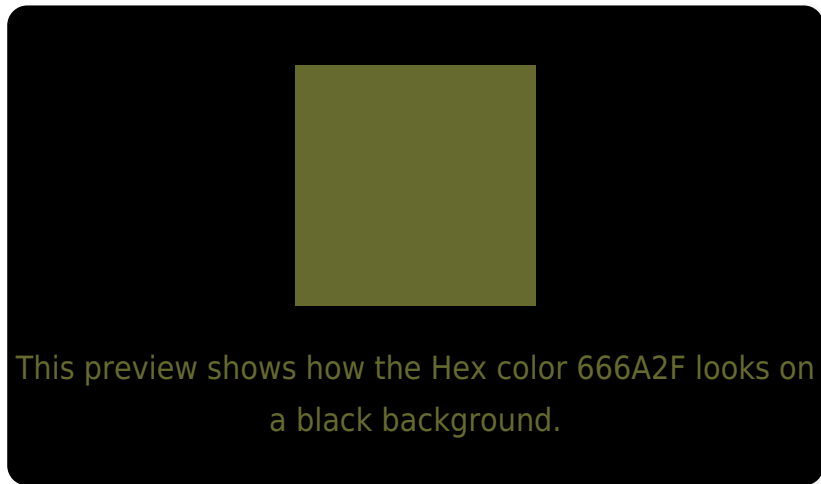
Large Text (above 18pt) WCAG AA ✓ Pass

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

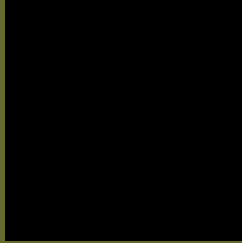
Any Text WCAG AA × Fail

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 666A2F Background



This preview shows how black text looks on a background with the Hex color 666A2F.



This preview shows how white text looks on a background with the Hex color 666A2F.

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
666A2F

Protanopia
71662E

Deuteranopia
7E6131



Tritanopia
6C646B

Trichromacy



Original Color
666A2F

Protanomaly
6D672E

Deuteranomaly
756430

Tritanomaly
6A6655

Monochromacy



Original Color
666A2F

Achromatopsia
626262

Achromatomaly
63654F

CSS Examples

Text

The CSS property to change the color of the text to Hex 666A2F 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 #666A2F looks like.

```
.text, #text, p{  
    color:#666A2F  
}
```

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 #666A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666A2F
}
```

Border

The CSS property to change the border of an element to Hex 666A2F 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
#666A2F }
```

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

```
.border{ border-color:#666A2F }
```

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

Here you see how a box with a 4 pixel #666A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666A2F; -webkit-box-shadow:4px 4px  
4px 4px #666A2F; box-shadow:4px 4px 4px  
4px #666A2F }
```

Background

The CSS property to change the background color of an element to Hex 666A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666A2F }
```

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

```
.background{ background-color:#666A2F }
```

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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