

Converting Colors

Hex(656F2A)

Have a look what the booklet for
Hex(656F2A) contains.

Hex(656F2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(656F2A)

Conversions

Conversions Part 1

Format	Color
Hex	656F2A
RGB	101, 111, 42
RGB Percent	40%, 44%, 16%
CMY	0.6039, 0.5647, 0.8353
CMYK	0.09, 0.00, 0.62, 0.56
HSL	69°, 45%, 30%
HSV	69°, 62%, 44%
XYZ	11.4692, 14.3027, 4.3467
YIQ	100.1440, 16.1890, -23.5790

Conversions

Conversions Part 2

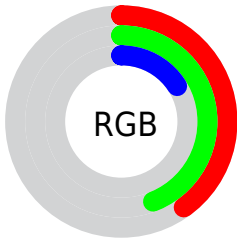
Format	Color
RYB	42, 111, 52
Decimal	6647594
CIELab	44.66, -14.40, 36.24
CIELCh	45, 38.997, 111.677
Yxy	14.3027, 0.3808, 0.4749
Android (android.graphics.Color)	4284837674 (0xFF656F2A)
YUV	100.1440, -28.6650, 0.7507
Hunter-Lab	37.8190, -12.0503, 19.6588

Details

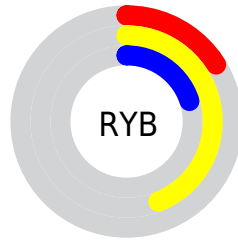
The Hex color **656F2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **342A6F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9AA35B**, and **343F00** is the 20% darker color. If you saturate the color by 10%, you get **636F1F**, and if you desaturate by 10%, it is **676F35**.

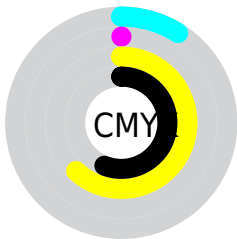
Distribution



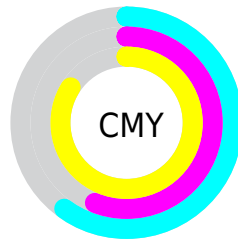
- Red (40%)
- Green (44%)
- Blue (16%)



- Red (16%)
- Yellow (44%)
- Blue (20%)



- Cyan (9%)
- Magenta (0%)
- Yellow (62%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 656F2A 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 656F2A by changing the saturation by 10% instead.



656F2A



656F2A

FFFFFF



4C5711



9AA35B



343F00



B5BE74



1C2900



D1D98E



001700



EEF6A9



000000



FFFFC4



FFFFE1

FFFFFFE



656F2A



656F2A

■ 636F1F

■ 676F35

■ 626F14

■ 686F40

■ 606F09

■ 6A6F4B

■ 5F6F00

■ 6B6F56

■ 6D6F62

■ 6F6F6D

■ 706F78

■ 726F83

■ 736F8E

Harmonies

Analogous

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



846527



656F2A



3E7640

Triad

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



656F2A



00779C



A14E74

Complementary

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



656F2A



342A6F

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.



895892



656F2A



0070AA

Square

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



656F2A



007A81



5C65A6



A64F53

Rectangle

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



656F2A



107854



5C65A6



9B517F

Sweetspot

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



656F2A



8D9176



6F332A



474A39



C9C9C9



4A4A4A

Same Dimension

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



656F2A



829124



436F2A



373832



667800



D4F700

Inverse Universe

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



342A6F



342491



562A6F



333238



110078



2400F7

Previews

White Background



This preview shows how the Hex color 656F2A looks on a white background.

Color Contrast Check

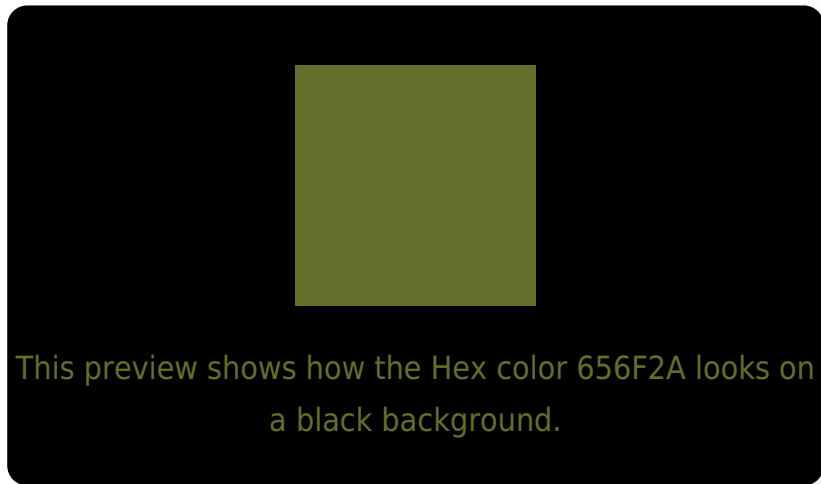
Large Text (above 18pt) WCAG AA ✓ Pass

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

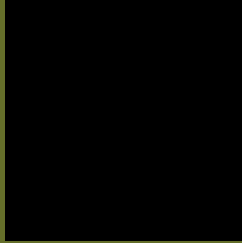
Any Text WCAG AA × Fail

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 656F2A Background



This preview shows how black text looks on a background with the Hex color 656F2A.



This preview shows how white text looks on a background with the Hex color 656F2A.

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
656F2A

Protanopia
766A28

Deuteranopia
83642D



Tritanopia
6C6870

Trichromacy



Original Color
656F2A

Protanomaly
706C29

Deuteranomaly
78682C

Tritanomaly
696B57

Monochromacy



Original Color
656F2A

Achromatopsia
646464

Achromatomaly
64684F

CSS Examples

Text

The CSS property to change the color of the text to Hex 656F2A 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 #656F2A looks like.

```
.text, #text, p{  
    color:#656F2A  
}
```

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 #656F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656F2A
}
```

Border

The CSS property to change the border of an element to Hex 656F2A 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
#656F2A }
```

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

```
.border{ border-color:#656F2A }
```

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

Here you see how a box with a 4 pixel #656F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656F2A; -webkit-box-shadow:4px 4px  
4px 4px #656F2A; box-shadow:4px 4px 4px  
4px #656F2A }
```

Background

The CSS property to change the background color of an element to Hex 656F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656F2A }
```

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

```
.background{ background-color:#656F2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor