

Converting Colors

Hex(656B38)

Have a look what the booklet for
Hex(656B38) contains.

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Color

Hex(656B38)

Conversions

Conversions Part 1

Format	Color
Hex	656B38
RGB	101, 107, 56
RGB Percent	40%, 42%, 22%
CMY	0.6039, 0.5804, 0.7804
CMYK	0.06, 0.00, 0.48, 0.58
HSL	67°, 31%, 32%
HSV	67°, 48%, 42%
XYZ	11.3383, 13.5676, 5.7626
YIQ	99.3920, 12.7950, -17.1330

Conversions

Conversions Part 2

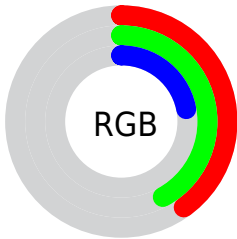
Format	Color
RYB	56, 107, 62
Decimal	6646584
CIELab	43.61, -10.79, 27.68
CIELCh	44, 29.708, 111.295
Yxy	13.5676, 0.3697, 0.4424
Android (android.graphics.Color)	4284836664 (0xFF656B38)
YUV	99.3920, -21.3923, 1.4102
Hunter-Lab	36.8342, -9.5140, 16.5082

Details

The Hex color **656B38** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E386B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **999E68**, and **353C0B** is the 20% darker color. If you saturate the color by 10%, you get **646B2D**, and if you desaturate by 10%, it is **666B43**.

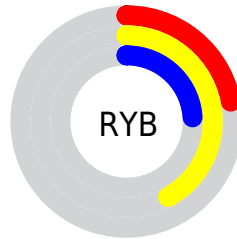
Distribution



Red (40%)

Green (42%)

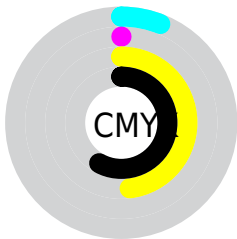
Blue (22%)



Red (22%)

Yellow (42%)

Blue (24%)

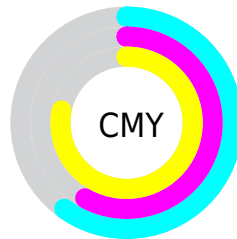


Cyan (6%)

Magenta (0%)

Yellow (48%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 656B38 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 656B38 by changing the saturation by 10% instead.



656B38



656B38

FFFFFF



4C5321



999E68



353C0B



B4B982



1F2600



D0D59C



001300



ECF1B7



000000



FFFFD3



FFFFEF



656B38



656B38



646B2D



666B43

■ 626B23

■ 686B4D

■ 616B18

■ 696B58

■ 606B0D

■ 6A6B63

■ 5F6B03

■ 6B6B6E

■ 5E6B00

■ 6D6B78

■ 6E6B83

■ 6F6B8E

■ 706B98

Harmonies

Analogous

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



7D6336



656B38



487147

Triad

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



656B38



00718D



92546F

Complementary

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



656B38



3E386B

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.



7F5A86



656B38



316C97

Square

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



656B38



007478



5F6395



965456

Rectangle

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



656B38



327356



5F6395



8D5577

Sweetspot

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



656B38



8A8C79



6B3E38



46473B



C7C7C7



474747

Same Dimension

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



656B38



838C3C



4C6B38



353630



687500



D8F500

Inverse Universe

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



3E386B



463C8C



57386B



313036



0E0075



1D00F5

Previews

White Background



This preview shows how the Hex color 656B38 looks on a white background.

Color Contrast Check

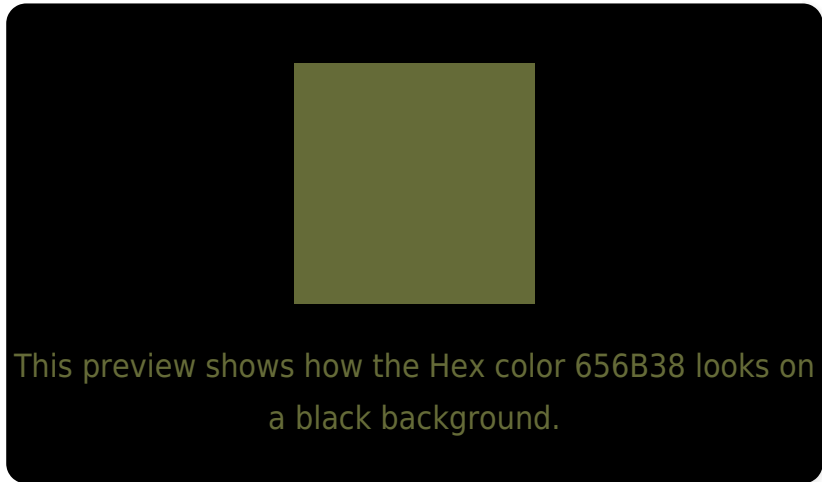
Large Text (above 18pt) WCAG AA ✓ Pass

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

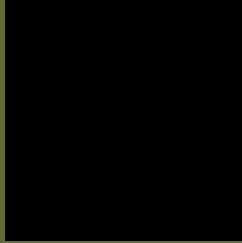
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

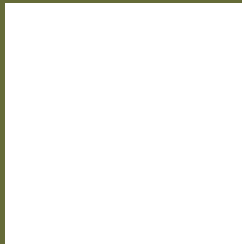
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 656B38 Background



This preview shows how black text looks on a background with the Hex color 656B38.



This preview shows how white text looks on a background with the Hex color 656B38.

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
656B38

Protanopia
716737

Deuteranopia
7E623A



Tritanopia
6B656D

Trichromacy



Original Color
656B38

Protanomaly
6D6837

Deuteranomaly
756539

Tritanomaly
69675A

Monochromacy



Original Color
656B38

Achromatopsia
636363

Achromatomaly
646653

CSS Examples

Text

The CSS property to change the color of the text to Hex 656B38 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 #656B38 looks like.

```
.text, #text, p{  
    color:#656B38  
}
```

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 #656B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656B38  
}
```

Border

The CSS property to change the border of an element to Hex 656B38 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  
#656B38 }
```

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

```
.border{ border-color:#656B38 }
```

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

Here you see how a box with a 4 pixel #656B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656B38; -webkit-box-shadow:4px 4px  
4px 4px #656B38; box-shadow:4px 4px 4px  
4px #656B38 }
```

Background

The CSS property to change the background color of an element to Hex 656B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656B38 }
```

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

```
.background{ background-color:#656B38 }
```

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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