

Converting Colors

Hex(607E38)

Have a look what the booklet for
Hex(607E38) contains.

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Color

Hex(607E38)

Conversions

Conversions Part 1

Format	Color
Hex	607E38
RGB	96, 126, 56
RGB Percent	38%, 49%, 22%
CMY	0.6235, 0.5059, 0.7804
CMYK	0.24, 0.00, 0.56, 0.51
HSL	86°, 38%, 36%
HSV	86°, 56%, 49%
XYZ	12.9985, 17.6940, 6.4716
YIQ	109.0500, 4.5900, -28.1300

Conversions

Conversions Part 2

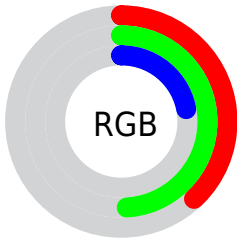
Format	Color
RYB	56, 126, 86
Decimal	6323768
CIELab	49.12, -23.10, 34.23
CIElCh	49, 41.293, 124.010
Yxy	17.6940, 0.3498, 0.4761
Android (android.graphics.Color)	4284513848 (0xFF607E38)
YUV	109.0500, -26.1536, -11.4448
Hunter-Lab	42.0643, -18.4531, 20.3232

Details

The Hex color **607E38** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **56387E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **94B369**, and **2F4D07** is the 20% darker color. If you saturate the color by 10%, you get **5B7E2B**, and if you desaturate by 10%, it is **657E45**.

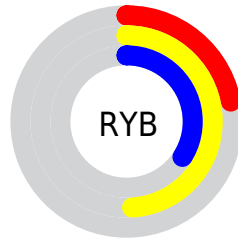
Distribution



Red (38%)

Green (49%)

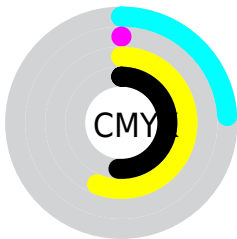
Blue (22%)



Red (22%)

Yellow (49%)

Blue (34%)

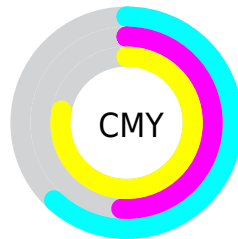


Cyan (24%)

Magenta (0%)

Yellow (56%)

Black (51%)



Cyan (62%)

Magenta (51%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 607E38 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 607E38 by changing the saturation by 10% instead.



607E38



607E38

FFFFFF



476520



94B369



2F4D07



AFCE83



183600



CBEB9D



002100



E8FFB9



000000



FFFFD5



FFFFF1



607E38



607E38



5B7E2B



657E45

■ 557E1F

■ 6B7E51

■ 507E12

■ 707E5E

■ 4A7E06

■ 767E6A

■ 487E00

■ 7B7E77

■ 807E84

■ 867E90

■ 8B7E9D

■ 917EA9

Harmonies

Analogous

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



84742B



607E38



2E8455

Triad

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



607E38



0080B3



B55671

Complementary

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



607E38



56387E

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.



A35C94



607E38



3C77BA

Square

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



607E38



00859B



7D6AAF



B35B4F

Rectangle

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



607E38



00866C



7D6AAF



B1577D

Sweetspot

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



607E38



97A387



7E5538



4B5241



D1D1D1



525252

Same Dimension

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



607E38



74A336



3E7E38



3D4039



498000



000000

Inverse Universe

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



56387E



6536A3



78387E



3C3940



370080



000000

Previews

White Background



This preview shows how the Hex color 607E38 looks on a white background.

Color Contrast Check

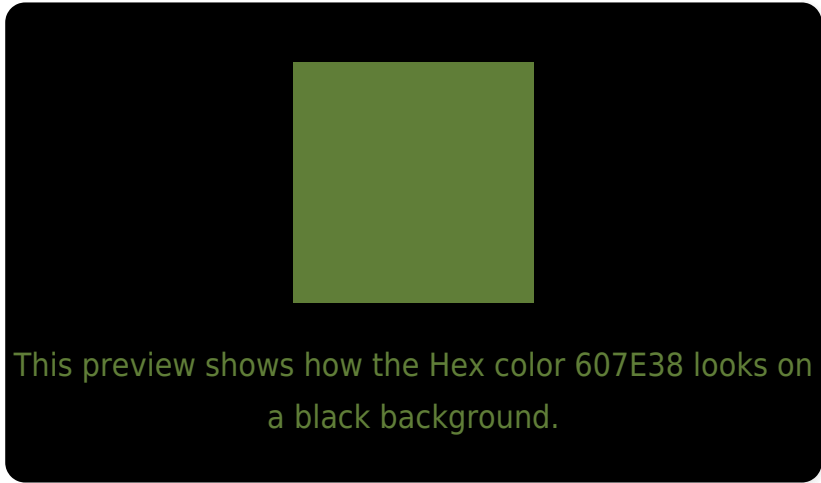
Large Text (above 18pt) WCAG AA ✓ Pass

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

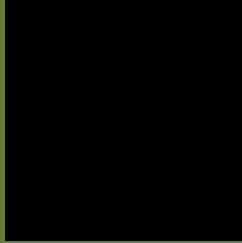
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 607E38 Background



This preview shows how black text looks on a background with the Hex color 607E38.



This preview shows how white text looks on a background with the Hex color 607E38.

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
607E38

Protanopia
817535

Deuteranopia
8F6F3C



Tritanopia
6A7680

Trichromacy



Original Color
607E38

Protanomaly
757836

Deuteranomaly
7E743B

Tritanomaly
667966

Monochromacy



Original Color
607E38

Achromatopsia
6D6D6D

Achromatomaly
68735A

CSS Examples

Text

The CSS property to change the color of the text to Hex 607E38 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 #607E38 looks like.

```
.text, #text, p{  
    color:#607E38  
}
```

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 #607E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607E38
}
```

Border

The CSS property to change the border of an element to Hex 607E38 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
#607E38 }
```

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

```
.border{ border-color:#607E38 }
```

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

Here you see how a box with a 4 pixel #607E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607E38; -webkit-box-shadow:4px 4px  
4px 4px #607E38; box-shadow:4px 4px 4px  
4px #607E38 }
```

Background

The CSS property to change the background color of an element to Hex 607E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607E38 }
```

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

```
.background{ background-color:#607E38 }
```

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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