

Converting Colors

Hex(567E2B)

Have a look what the booklet for
Hex(567E2B) contains.

Hex(567E2B)	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(567E2B)

Conversions

Conversions Part 1

Format	Color
Hex	567E2B
RGB	86, 126, 43
RGB Percent	34%, 49%, 17%
CMY	0.6627, 0.5059, 0.8314
CMYK	0.32, 0.00, 0.66, 0.51
HSL	89°, 49%, 33%
HSV	89°, 66%, 49%
XYZ	11.7347, 17.0746, 4.9627
YIQ	104.5780, 2.8030, -34.2930

Conversions

Conversions Part 2

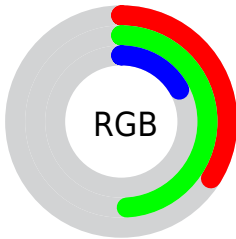
Format	Color
RYB	43, 126, 83
Decimal	5668395
CIELab	48.35, -28.42, 39.51
CIElCh	48, 48.671, 125.723
Yxy	17.0746, 0.3475, 0.5056
Android (android.graphics.Color)	4283858475 (0xFF567E2B)
YUV	104.5780, -30.3580, -16.2929
Hunter-Lab	41.3214, -21.6211, 21.8042

Details

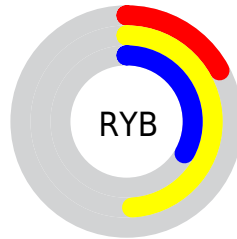
The Hex color **567E2B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **532B7E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8AB35D**, and **234D00** is the 20% darker color. If you saturate the color by 10%, you get **507E1E**, and if you desaturate by 10%, it is **5C7E38**.

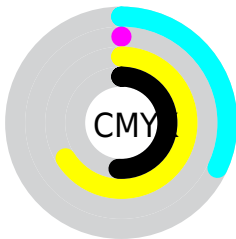
Distribution



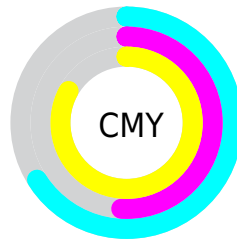
- Red (34%)
- Green (49%)
- Blue (17%)



- Red (17%)
- Yellow (49%)
- Blue (33%)



- Cyan (32%)
- Magenta (0%)
- Yellow (66%)
- Black (51%)



- Cyan (66%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 567E2B 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 567E2B by changing the saturation by 10% instead.

 567E2B

 567E2B

FFFFFF

 3D6511

 8AB35D

 234D00

 A6CF76

 083500

 C2EB91

 002100

 DEFFAC

 000000

 FBFFC7

 FFFFE4

 567E2B

 567E2B

 507E1E

 5C7E38

■ 4A7E12

■ 627E44

■ 447E05

■ 687E51

■ 417E00

■ 6E7E5D

■ 747E6A

■ 7A7E77

■ 817E83

■ 877E90

■ 8D7E9C

Harmonies

Analogous

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



817318



567E2B



00844F

Triad

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



567E2B



0080BD



BD4C6D

Complementary

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



567E2B



532B7E

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.



AB5395



567E2B



2375C5

Square

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



567E2B



0085A2



7F65B6



B95445

Rectangle

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



567E2B



00866B



7F65B6



BA4D7A

Sweetspot

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



567E2B



93A383



7E522B



48523E



D1D1D1



525252

Same Dimension

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



567E2B



65A322



2E7E2B



3D4039



428000



000000

Inverse Universe

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



532B7E



6022A3



7B2B7E



3C3940



3D0080



000000

Previews

White Background



This preview shows how the Hex color 567E2B looks on a white background.

Color Contrast Check

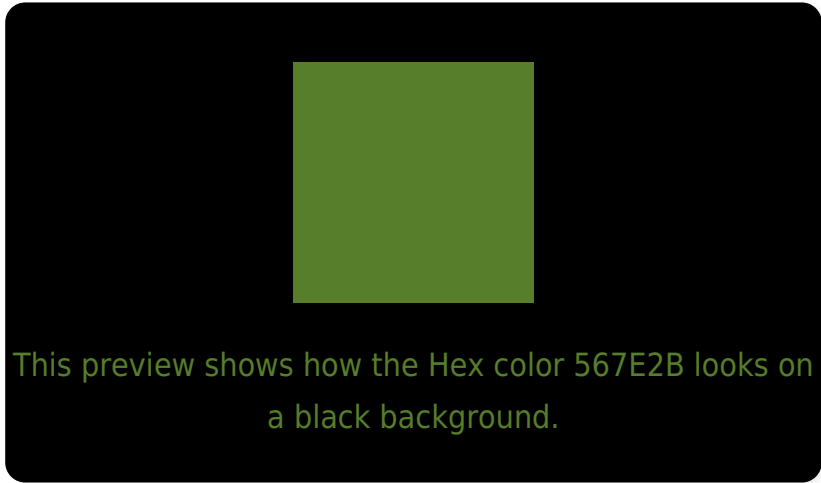
Large Text (above 18pt) WCAG AA ✓ Pass

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 567E2B Background



This preview shows how black text looks on a background with the Hex color 567E2B.



This preview shows how white text looks on a background with the Hex color 567E2B.

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
567E2B

Protanopia
807328

Deuteranopia
8E6D31



Tritanopia
62767F

Trichromacy



Original Color
567E2B

Protanomaly
717729

Deuteranomaly
7A732F

Tritanomaly
5E7960

Monochromacy



Original Color
567E2B

Achromatopsia
696969

Achromatomaly
627152

CSS Examples

Text

The CSS property to change the color of the text to Hex 567E2B 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 #567E2B looks like.

```
.text, #text, p{  
    color:#567E2B  
}
```

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 #567E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567E2B
}
```

Border

The CSS property to change the border of an element to Hex 567E2B 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
#567E2B }
```

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

```
.border{ border-color:#567E2B }
```

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

Here you see how a box with a 4 pixel #567E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567E2B; -webkit-box-shadow:4px 4px  
4px 4px #567E2B; box-shadow:4px 4px 4px  
4px #567E2B }
```

Background

The CSS property to change the background color of an element to Hex 567E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567E2B }
```

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

```
.background{ background-color:#567E2B }
```

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