

Converting Colors

Hex(5B6327)

Have a look what the booklet for
Hex(5B6327) contains.

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Color

Hex(5B6327)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5B6327 |
| RGB | 91, 99, 39 |
| RGB Percent | 36%, 39%, 15% |
| CMY | 0.6431, 0.6118, 0.8471 |
| CMYK | 0.08, 0.00, 0.61, 0.61 |
| HSL | 68°, 43%, 27% |
| HSV | 68°, 61%, 39% |
| XYZ | 9.1424, 11.2943, 3.6176 |
| YIQ | 89.7680, 14.4920, -20.3560 |

Conversions

Conversions Part 2

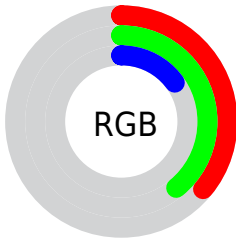
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 39, 99, 47 |
| Decimal | 5989159 |
| CIELab | 40.07, -12.60, 32.38 |
| CIELCh | 40, 34.743, 111.257 |
| Yxy | 11.2943, 0.3801, 0.4695 |
| Android (android.graphics.Color) | 4284179239 (0xFF5B6327) |
| YUV | 89.7680, -25.0286, 1.0805 |
| Hunter-Lab | 33.6070, -10.2532, 17.1426 |

Details

The Hex color **5B6327** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F2763**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8F9657**, and **2C3500** is the 20% darker color. If you saturate the color by 10%, you get **5A631D**, and if you desaturate by 10%, it is **5C6331**.

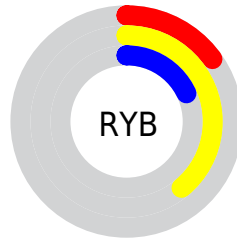
Distribution



Red (36%)

Green (39%)

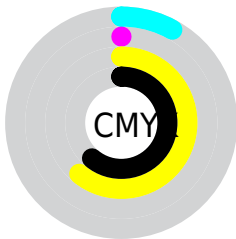
Blue (15%)



Red (15%)

Yellow (39%)

Blue (18%)

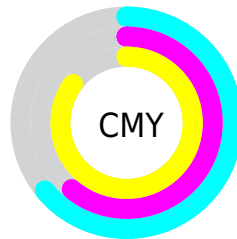


Cyan (8%)

Magenta (0%)

Yellow (61%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6327 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 5B6327 by changing the saturation by 10% instead.

 5B6327

 5B6327

FFFFFF

 424B0F

 8F9657

 2C3500

 AAB070

 141F00

 C5CC89

 000000

 E2E8A4

 FFFFBF

 FFFFDC

 FFFFF8

 5B6327

 5B6327

■ 5A631D

■ 5C6331

■ 586313

■ 5E633B

■ 576309

■ 5F6345

■ 566300

■ 60634F

■ 626359

■ 636362

■ 64636C

■ 666376

■ 676380

Harmonies

Analogous

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



765A25



5B6327



39693A

Triad

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



5B6327



006A8A



8F4768

Complementary

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



5B6327



2F2763

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.



794F82



5B6327



006496

Square

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



5B6327



006D72



535A93



93474B

Rectangle

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



5B6327



166B4B



535A93



894971

Sweetspot

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



5B6327



7C8069



632F27



3E4032



BFBFBF



404040

Same Dimension

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



5B6327



738022



3D6327



30302C



617000



D0F000

Inverse Universe

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



2F2763



2F2280



4D2763



2C2C30



0F0070



2000F0

Previews

White Background



This preview shows how the Hex color 5B6327 looks on a white background.

Color Contrast Check

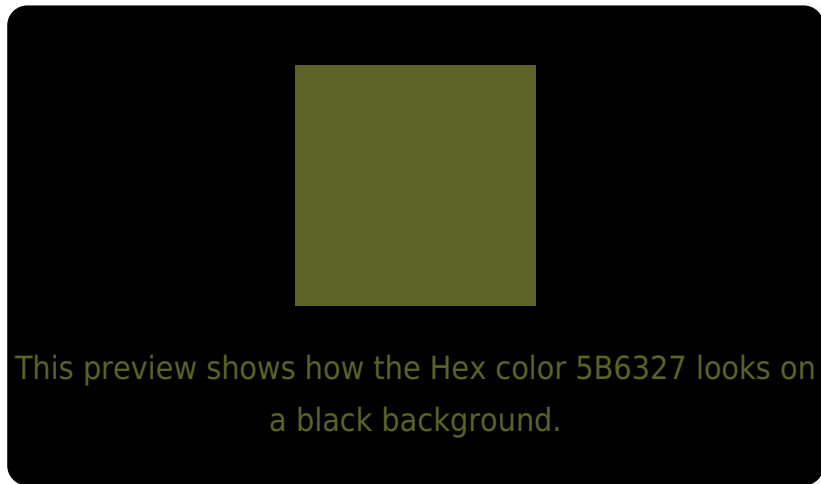
Large Text (above 18pt) WCAG AA ✓ Pass

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

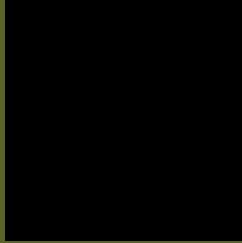
Any Text WCAG AA × Fail

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 5B6327 Background



This preview shows how black text looks on a background with the Hex color 5B6327.



This preview shows how white text looks on a background with the Hex color 5B6327.

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
5B6327

Protanopia
695F26

Deuteranopia
755A2A



Tritanopia
615D64

Trichromacy



Original Color
5B6327

Protanomaly
646026

Deuteranomaly
6C5D29

Tritanomaly
5F5F4E

Monochromacy



Original Color
5B6327

Achromatopsia
5A5A5A

Achromatomaly
5A5D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6327 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 #5B6327 looks like.

```
.text, #text, p{  
    color:#5B6327  
}
```

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 #5B6327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6327
}
```

Border

The CSS property to change the border of an element to Hex 5B6327 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
#5B6327 }
```

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

```
.border{ border-color:#5B6327 }
```

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

Here you see how a box with a 4 pixel #5B6327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6327; -webkit-box-shadow:4px 4px  
4px 4px #5B6327; box-shadow:4px 4px 4px  
4px #5B6327 }
```

Background

The CSS property to change the background color of an element to Hex 5B6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6327 }
```

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

```
.background{ background-color:#5B6327 }
```

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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