

Converting Colors

Hex(5B6B25)

Have a look what the booklet for
Hex(5B6B25) contains.

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Color

Hex(5B6B25)

Conversions

Conversions Part 1

Format	Color
Hex	5B6B25
RGB	91, 107, 37
RGB Percent	36%, 42%, 15%
CMY	0.6431, 0.5804, 0.8549
CMYK	0.15, 0.00, 0.65, 0.58
HSL	74°, 49%, 28%
HSV	74°, 65%, 42%
XYZ	9.9060, 12.8731, 3.7129
YIQ	94.2360, 12.9340, -25.1620

Conversions

Conversions Part 2

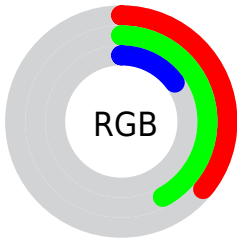
Format	Color
RYB	37, 107, 53
Decimal	5991205
CIELab	42.57, -17.16, 36.13
CIElCh	43, 39.999, 115.409
Yxy	12.8731, 0.3739, 0.4859
Android (android.graphics.Color)	4284181285 (0xFF5B6B25)
YUV	94.2360, -28.2173, -2.8380
Hunter-Lab	35.8791, -13.5057, 18.9798

Details

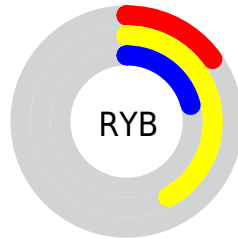
The Hex color **5B6B25** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35256B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8F9E55**, and **2B3C00** is the 20% darker color. If you saturate the color by 10%, you get **596B1A**, and if you desaturate by 10%, it is **5D6B30**.

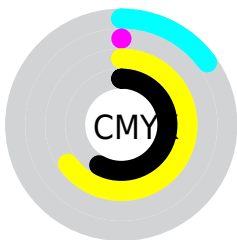
Distribution



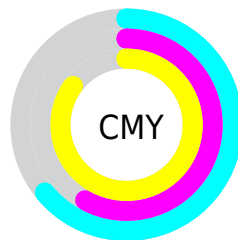
- Red (36%)
- Green (42%)
- Blue (15%)



- Red (15%)
- Yellow (42%)
- Blue (21%)



- Cyan (15%)
- Magenta (0%)
- Yellow (65%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6B25 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 5B6B25 by changing the saturation by 10% instead.

 5B6B25

 5B6B25

FFFFFF

 42530C

 8F9E55

 2B3C00

 AAB96F

 132600

 C6D589

 001000

 E2F1A3

 000000

 FFFFBF

 FFFFDB

 FFFFF8

 5B6B25

 5B6B25

■ 596B1A

■ 5D6B30

■ 566B10

■ 606B3A

■ 546B05

■ 626B45

■ 536B00

■ 656B50

■ 676B5A

■ 6A6B65

■ 6C6B70

■ 6F6B7B

■ 716B85

Harmonies

Analogous

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



7B611F



5B6B25



31713D

Triad

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



5B6B25



00719A



9E476B

Complementary

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



5B6B25



35256B

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.



88508A



5B6B25



006AA6

Square

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



5B6B25



007480



5D5EA0



A14A4A

Rectangle

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



5B6B25



007453



5D5EA0



994976

Sweetspot

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



5B6B25



868C70



6B3425



434736



C7C7C7



474747

Same Dimension

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



5B6B25



738C1D



396B25



343630



5A7500



BDF500

Inverse Universe

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



35256B



371D8C



57256B



313036



1B0075



3800F5

Previews

White Background



This preview shows how the Hex color 5B6B25 looks on a white background.

Color Contrast Check

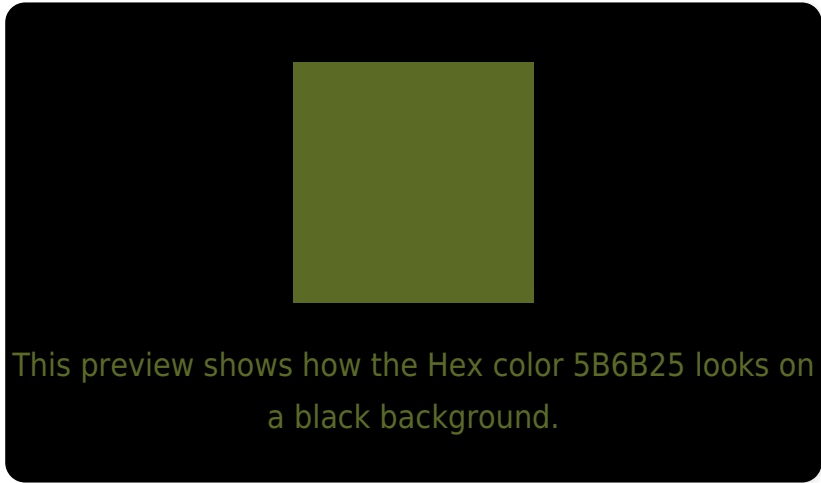
Large Text (above 18pt) WCAG AA ✓ Pass

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

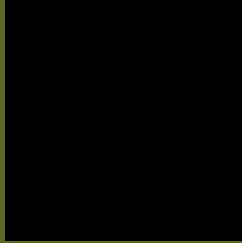
Any Text WCAG AA × Fail

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 5B6B25 Background



This preview shows how black text looks on a background with the Hex color 5B6B25.



This preview shows how white text looks on a background with the Hex color 5B6B25.

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
5B6B25

Protanopia
706523

Deuteranopia
7D5F29



Tritanopia
63646C

Trichromacy



Original Color
5B6B25

Protanomaly
686724

Deuteranomaly
716328

Tritanomaly
606752

Monochromacy



Original Color
5B6B25

Achromatopsia
5E5E5E

Achromatomaly
5D6349

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6B25 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 #5B6B25 looks like.

```
.text, #text, p{  
    color:#5B6B25  
}
```

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 #5B6B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6B25
}
```

Border

The CSS property to change the border of an element to Hex 5B6B25 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
#5B6B25 }
```

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

```
.border{ border-color:#5B6B25 }
```

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

Here you see how a box with a 4 pixel #5B6B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6B25; -webkit-box-shadow:4px 4px  
4px 4px #5B6B25; box-shadow:4px 4px 4px  
4px #5B6B25 }
```

Background

The CSS property to change the background color of an element to Hex 5B6B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6B25 }
```

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

```
.background{ background-color:#5B6B25 }
```

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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