

Converting Colors

Hex(56601B)

Have a look what the booklet for
Hex(56601B) contains.

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Color

Hex(56601B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 56601B |
| RGB | 86, 96, 27 |
| RGB Percent | 34%, 38%, 11% |
| CMY | 0.6627, 0.6235, 0.8941 |
| CMYK | 0.10, 0.00, 0.72, 0.62 |
| HSL | 69°, 56%, 24% |
| HSV | 69°, 72%, 38% |
| XYZ | 8.2185, 10.4233, 2.6157 |
| YIQ | 85.1440, 16.1890, -23.5790 |

Conversions

Conversions Part 2

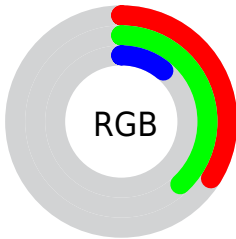
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 27, 96, 37 |
| Decimal | 5660699 |
| CIELab | 38.59, -14.21, 36.42 |
| CIElCh | 39, 39.090, 111.316 |
| Yxy | 10.4233, 0.3866, 0.4903 |
| Android (android.graphics.Color) | 4283850779 (0xFF56601B) |
| YUV | 85.1440, -28.6650, 0.7507 |
| Hunter-Lab | 32.2851, -11.0604, 17.7961 |

Details

The Hex color **56601B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **251B60**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8A924B**, and **263200** is the 20% darker color. If you saturate the color by 10%, you get **556011**, and if you desaturate by 10%, it is **576025**.

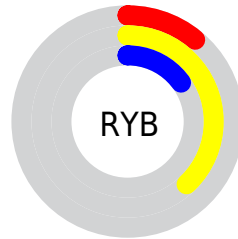
Distribution



Red (34%)

Green (38%)

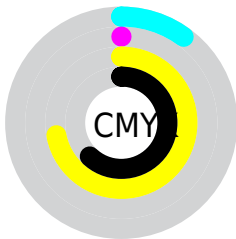
Blue (11%)



Red (11%)

Yellow (38%)

Blue (15%)

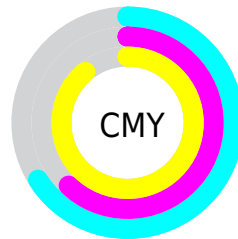


Cyan (10%)

Magenta (0%)

Yellow (72%)

Black (62%)



Cyan (66%)

Magenta (62%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56601B 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 56601B by changing the saturation by 10% instead.

 56601B

 56601B

FFFFFF

 3D4801

 8A924B

 263200

 A5AD64

 0B1D00

 C0C87E

 000000

 DDE498

 FAFFB3

 FFFFCF

 FFFFEC

 56601B

 56601B

■ 556011

■ 576025

■ 536008

■ 59602E

■ 526000

■ 5A6038

■ 5C6041

■ 5D604B

■ 5E6055

■ 60605E

■ 616068

■ 636071

Harmonies

Analogous

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



745618



56601B



2F6631

Triad

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



56601B



00688C



903F65

Complementary

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



56601B



251B60

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.



794983



56601B



006199

Square

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



56601B



006A71



4C5696



954046

Rectangle

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



56601B



006945



4C5696



8A4170

Sweetspot

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



56601B



797D61



60241B



3D402F



BFBFBF



404040

Same Dimension

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



56601B



6D7D11



34601B



30302C



607000



CDF000

Inverse Universe

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



251B60



21117D



471B60



2C2C30



100070



2300F0

Previews

White Background



This preview shows how the Hex color 56601B looks on a white background.

Color Contrast Check

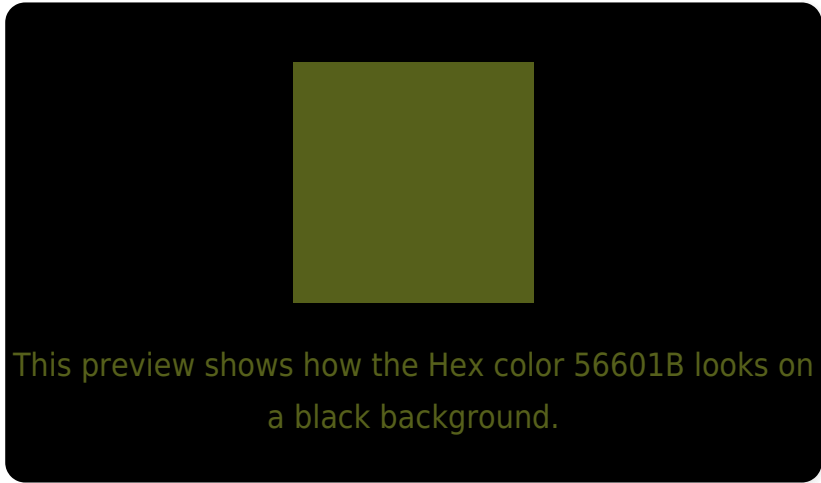
Large Text (above 18pt) WCAG AA ✓ Pass

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

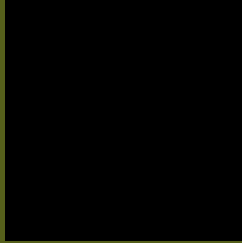
Any Text WCAG AA × Fail

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 56601B Background



This preview shows how black text looks on a background with the Hex color 56601B.



This preview shows how white text looks on a background with the Hex color 56601B.

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
56601B

Protanopia
665B1A

Deuteranopia
72561F



Tritanopia
5D5A61

Trichromacy



Original Color
56601B

Protanomaly
605D1A

Deuteranomaly
685A1E

Tritanomaly
5A5C48

Monochromacy



Original Color
56601B

Achromatopsia
555555

Achromatomaly
555940

CSS Examples

Text

The CSS property to change the color of the text to Hex 56601B 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 #56601B looks like.

```
.text, #text, p{  
    color:#56601B  
}
```

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 #56601B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56601B
}
```

Border

The CSS property to change the border of an element to Hex 56601B 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
#56601B }
```

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

```
.border{ border-color:#56601B }
```

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

Here you see how a box with a 4 pixel #56601B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56601B; -webkit-box-shadow:4px 4px  
4px 4px #56601B; box-shadow:4px 4px 4px  
4px #56601B }
```

Background

The CSS property to change the background color of an element to Hex 56601B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56601B }
```

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

```
.background{ background-color:#56601B }
```

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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