

Converting Colors

Hex(565B01)

Have a look what the booklet for
Hex(565B01) contains.

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Color

Hex(565B01)

Conversions

Conversions Part 1

Format	Color
Hex	565B01
RGB	86, 91, 1
RGB Percent	34%, 36%, 0%
CMY	0.6627, 0.6431, 0.9961
CMYK	0.05, 0.00, 0.99, 0.64
HSL	63°, 98%, 18%
HSV	63°, 99%, 36%
XYZ	7.5843, 9.4628, 1.4555
YIQ	79.2450, 25.9100, -29.0500

Conversions

Conversions Part 2

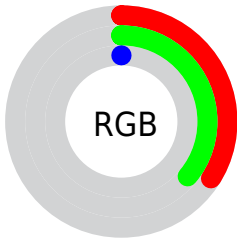
Format	Color
R_{YB}	1, 91, 6
Decimal	5659393
CIE _{Lab}	36.86, -12.59, 43.67
CIE _{LCh}	37, 45.451, 106.078
Yxy	9.4628, 0.4099, 0.5114
Android (android.graphics.Color)	4283849473 (0xFF565B01)
YUV	79.2450, -38.5748, 5.9241
Hunter-Lab	30.7617, -9.8236, 18.7279

Details

The Hex color **565B01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **06015B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8B8D38**, and **242E00** is the 20% darker color. If you saturate the color by 10%, you get **565B00**, and if you desaturate by 10%, it is **575B0A**.

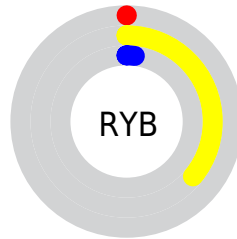
Distribution



Red (34%)

Green (36%)

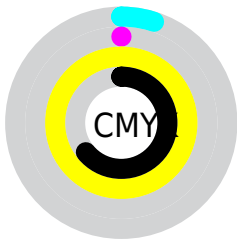
Blue (0%)



Red (0%)

Yellow (36%)

Blue (2%)

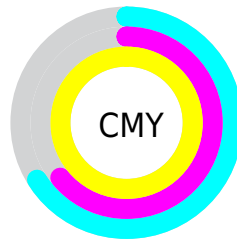


Cyan (5%)

Magenta (0%)

Yellow (99%)

Black (64%)



Cyan (66%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565B01 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 565B01 by changing the saturation by 10% instead.

 565B01

 565B01

 FFFFF5

 3D4400

 8B8D38

 242E00

 A6A752

 061A00

 C2C26B

 000000

 DFDE85

 FCFBA0

 FFFFBC

 FFFF80

 565B01

 565B01

■ 565B00

■ 575B0A

■ 575B13

■ 585B1C

■ 585B25

■ 595B2F

■ 595B38

■ 5A5B41

■ 5A5B4A

■ 5B5B53

Harmonies

Analogous

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



774F05



565B01



2A6320

Triad

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



565B01



00668B



903569

Complementary

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



565B01



06015B

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.



71448A



565B01



00609E

Square

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



565B01



00686A



31549D



983345

Rectangle

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



565B01



006637



31549D



883975

Sweetspot

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



565B01



737552



5B0601



393B26



BABABA



3B3B3B

Same Dimension

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



565B01



6F7500



295B01



2E2E29



686E00



E0ED00

Inverse Universe

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



06015B



070075



32015B



2A292E



06006E



0D00ED

Previews

White Background



This preview shows how the Hex color 565B01 looks on a white background.

Color Contrast Check

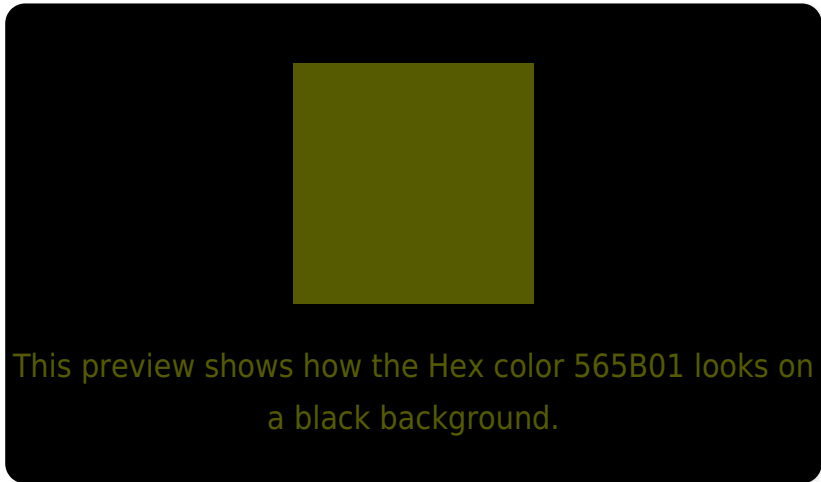
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

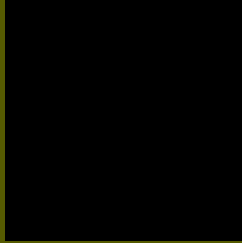
Any Text WCAG AA × Fail

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 565B01 Background



This preview shows how black text looks on a background with the Hex color 565B01.



This preview shows how white text looks on a background with the Hex color 565B01.

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
565B01

Protanopia
625700

Deuteranopia
6E520F



Tritanopia
5C555B

Trichromacy



Original Color
565B01

Protanomaly
5E5800

Deuteranomaly
65550A

Tritanomaly
5A573A

Monochromacy



Original Color
565B01

Achromatopsia
4F4F4F

Achromatomaly
525333

CSS Examples

Text

The CSS property to change the color of the text to Hex 565B01 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 #565B01 looks like.

```
.text, #text, p{  
    color:#565B01  
}
```

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 #565B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565B01
}
```

Border

The CSS property to change the border of an element to Hex 565B01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

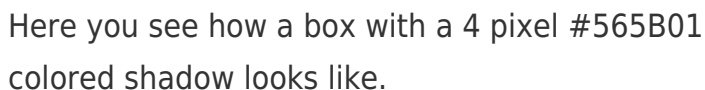
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565B01 }
```

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

```
.border{ border-color:#565B01 }
```

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



Here you see how a box with a 4 pixel #565B01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565B01; -webkit-box-shadow:4px 4px  
4px 4px #565B01; box-shadow:4px 4px 4px  
4px #565B01 }
```

Background

The CSS property to change the background color of an element to Hex 565B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565B01 }
```

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

```
.background{ background-color:#565B01 }
```

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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