

Converting Colors

Hex(535A01)

Have a look what the booklet for
Hex(535A01) contains.

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Color

Hex(535A01)

Conversions

Conversions Part 1

Format	Color
Hex	535A01
RGB	83, 90, 1
RGB Percent	33%, 35%, 0%
CMY	0.6745, 0.6471, 0.9961
CMYK	0.08, 0.00, 0.99, 0.65
HSL	65°, 98%, 18%
HSV	65°, 99%, 35%
XYZ	7.2289, 9.1535, 1.4145
YIQ	77.7610, 24.3970, -29.1630

Conversions

Conversions Part 2

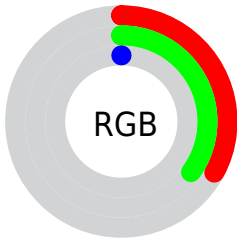
Format	Color
R_{YB}	1, 90, 8
Decimal	5462529
CIE Lab	36.28, -13.49, 43.12
CIE LCh	36, 45.181, 107.377
Yxy	9.1535, 0.4062, 0.5143
Android (android.graphics.Color)	4283652609 (0xFF535A01)
YUV	77.7610, -37.8432, 4.5946
Hunter-Lab	30.2548, -10.2960, 18.4063

Details

The Hex color **535A01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **08015A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **878C38**, and **222D00** is the 20% darker color. If you saturate the color by 10%, you get **535A00**, and if you desaturate by 10%, it is **545A0A**.

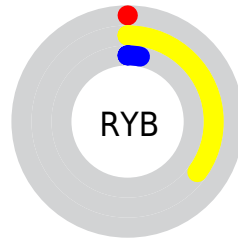
Distribution



Red (33%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (3%)

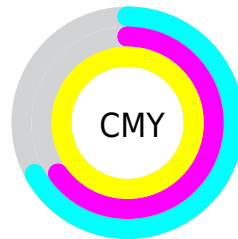


Cyan (8%)

Magenta (0%)

Yellow (99%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535A01 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 535A01 by changing the saturation by 10% instead.

 535A01

 535A01

 FFFFF4

 3B4300

 878C38

 222D00

 A3A651

 001900

 BFC16B

 000000

 DBDD85

 F8FAA0

 FFFFBB

 FFFFD7

 535A01

 535A01

■ 535A00

■ 545A0A

■ 545A13

■ 555A1C

■ 565A25

■ 575A2E

■ 575A37

■ 585A40

■ 595A49

■ 595A52

Harmonies

Analogous

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



744E03



535A01



266120

Triad

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



535A01



00648A



8F3366

Complementary

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



535A01



08015A

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.



714287



535A01



005E9C

Square

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



535A01



00666A



34529B



963242

Rectangle

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



535A01



006438



34529B



873772

Sweetspot

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



535A01



737552



5A0701



393B26



BABABA



3B3B3B

Same Dimension

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



535A01



6C7500



285A01



2E2E29



656E00



DAED00

Inverse Universe

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



08015A



090075



33015A



2A292E



09006E



1300ED

Previews

White Background



This preview shows how the Hex color 535A01 looks on a white background.

Color Contrast Check

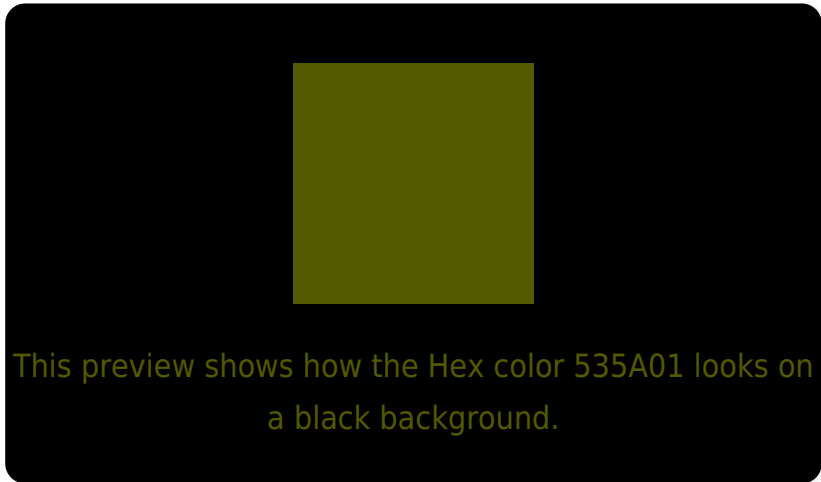
Large Text (above 18pt) WCAG AA ✓ Pass

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

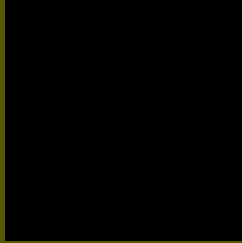
Any Text WCAG AA × Fail

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 535A01 Background



This preview shows how black text looks on a background with the Hex color 535A01.



This preview shows how white text looks on a background with the Hex color 535A01.

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
535A01

Protanopia
605600

Deuteranopia
6C510F



Tritanopia
59545A

Trichromacy



Original Color
535A01

Protanomaly
5B5700

Deuteranomaly
63540A

Tritanomaly
57563A

Monochromacy



Original Color
535A01

Achromatopsia
4E4E4E

Achromatomaly
505232

CSS Examples

Text

The CSS property to change the color of the text to Hex 535A01 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 #535A01 looks like.

```
.text, #text, p{  
    color:#535A01  
}
```

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 #535A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535A01
}
```

Border

The CSS property to change the border of an element to Hex 535A01 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
#535A01 }
```

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

```
.border{ border-color:#535A01 }
```

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

Here you see how a box with a 4 pixel #535A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535A01; -webkit-box-shadow:4px 4px  
4px 4px #535A01; box-shadow:4px 4px 4px  
4px #535A01 }
```

Background

The CSS property to change the background color of an element to Hex 535A01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535A01 }
```

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

```
.background{ background-color:#535A01 }
```

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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