

Converting Colors

Hex(535A0A)

Have a look what the booklet for
Hex(535A0A) contains.

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Color

Hex(535A0A)

Conversions

Conversions Part 1

Format	Color
Hex	535A0A
RGB	83, 90, 10
RGB Percent	33%, 35%, 4%
CMY	0.6745, 0.6471, 0.9608
CMYK	0.08, 0.00, 0.89, 0.65
HSL	65°, 80%, 20%
HSV	65°, 89%, 35%
XYZ	7.2782, 9.1732, 1.6742
YIQ	78.7870, 21.5080, -26.3640

Conversions

Conversions Part 2

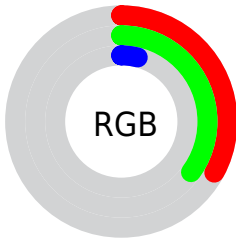
Format	Color
RYB	10, 90, 17
Decimal	5462538
CIELab	36.32, -13.17, 40.47
CIELCh	36, 42.557, 108.034
Yxy	9.1732, 0.4015, 0.5061
Android (android.graphics.Color)	4283652618 (0xFF535A0A)
YUV	78.7870, -33.9120, 3.6948
Hunter-Lab	30.2874, -10.1083, 17.9238

Details

The Hex color **535A0A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **110A5A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **878C3E**, and **222D00** is the 20% darker color. If you saturate the color by 10%, you get **525A01**, and if you desaturate by 10%, it is **545A13**.

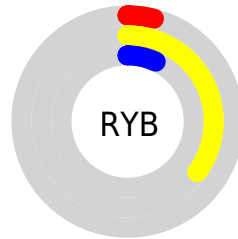
Distribution



Red (33%)

Green (35%)

Blue (4%)



Red (4%)

Yellow (35%)

Blue (7%)

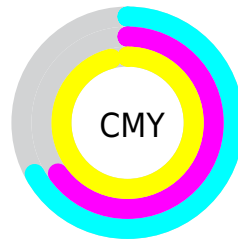


Cyan (8%)

Magenta (0%)

Yellow (89%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535A0A 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 535A0A by changing the saturation by 10% instead.

 535A0A

 535A0A

 FFFFFFFA

 3B4300

 878C3E

 222D00

 A2A657

 011900

 BEC170

 000000

 DADD8A

 F8FAA5

 FFFFC1

 FFFFDD

 535A0A

 535A0A

■ 525A01

■ 545A13

■ 525A00

■ 555A1C

■ 555A25

■ 565A2E

■ 575A37

■ 585A40

■ 595A49

■ 595A52

■ 5A5A5B

Harmonies

Analogous

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



724F0B



535A0A



296125

Triad

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



535A0A



006388



8C3665

Complementary

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



535A0A



110A5A

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.



714383



535A0A



005D98

Square

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



535A0A



00666A



3A5297



933542

Rectangle

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



535A0A



00643A



3A5297



853A70

Sweetspot

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



535A0A



737556



5A110A



393B28



BABABA



3B3B3B

Same Dimension

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



535A0A



6B7500



2B5A0A



2D2E29



646E00



D8ED00

Inverse Universe

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



110A5A



0A0075



390A5A



2A292E



0A006E



1500ED

Previews

White Background



This preview shows how the Hex color 535A0A looks on a white background.

Color Contrast Check

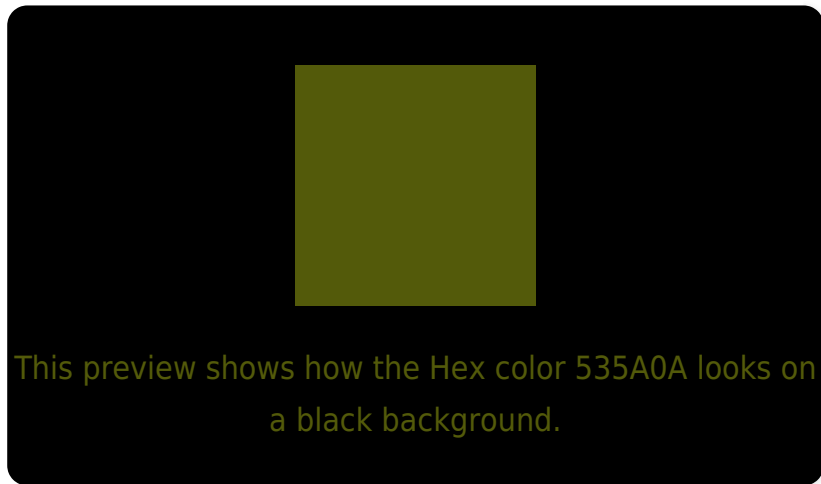
Large Text (above 18pt) WCAG AA ✓ Pass

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

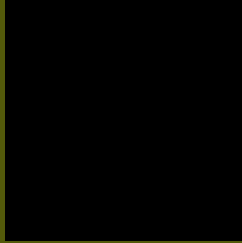
Any Text WCAG AA × Fail

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 535A0A Background



This preview shows how black text looks on a background with the Hex color 535A0A.



This preview shows how white text looks on a background with the Hex color 535A0A.

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
535A0A

Protanopia
605608

Deuteranopia
6C5111



Tritanopia
59545A

Trichromacy



Original Color
535A0A

Protanomaly
5B5709

Deuteranomaly
63540E

Tritanomaly
57563D

Monochromacy



Original Color
535A0A

Achromatopsia
4F4F4F

Achromatomaly
505336

CSS Examples

Text

The CSS property to change the color of the text to Hex 535A0A 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 #535A0A looks like.

```
.text, #text, p{  
    color:#535A0A  
}
```

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 #535A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535A0A
}
```

Border

The CSS property to change the border of an element to Hex 535A0A 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
#535A0A }
```

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

```
.border{ border-color:#535A0A }
```

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

Here you see how a box with a 4 pixel #535A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535A0A; -webkit-box-shadow:4px 4px  
4px 4px #535A0A; box-shadow:4px 4px 4px  
4px #535A0A }
```

Background

The CSS property to change the background color of an element to Hex 535A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535A0A }
```

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

```
.background{ background-color:#535A0A }
```

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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