

Converting Colors

Hex(505C0A)

Have a look what the booklet for
Hex(505C0A) contains.

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Color

Hex(505C0A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 505C0A |
| RGB | 80, 92, 10 |
| RGB Percent | 31%, 36%, 4% |
| CMY | 0.6863, 0.6392, 0.9608 |
| CMYK | 0.13, 0.00, 0.89, 0.64 |
| HSL | 69°, 80%, 20% |
| HSV | 69°, 89%, 36% |
| XYZ | 7.1902, 9.3817, 1.7190 |
| YIQ | 79.0640, 19.1700, -28.0460 |

Conversions

Conversions Part 2

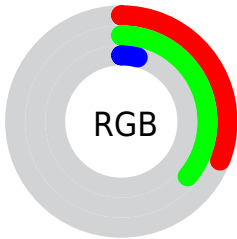
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 10, 92, 22 |
| Decimal | 5266442 |
| CIELab | 36.71, -15.73, 40.70 |
| CIElCh | 37, 43.638, 111.128 |
| Yxy | 9.3817, 0.3931, 0.5129 |
| Android (android.graphics.Color) | 4283456522 (0xFF505C0A) |
| YUV | 79.0640, -34.0486, 0.8209 |
| Hunter-Lab | 30.6295, -11.6993, 18.1131 |

Details

The Hex color **505C0A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **160A5C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **848E3E**, and **1F2E00** is the 20% darker color. If you saturate the color by 10%, you get **4F5C01**, and if you desaturate by 10%, it is **515C13**.

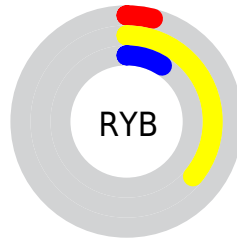
Distribution



Red (31%)

Green (36%)

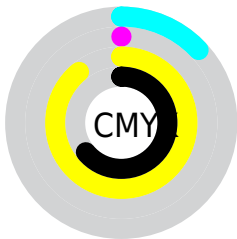
Blue (4%)



Red (4%)

Yellow (36%)

Blue (9%)

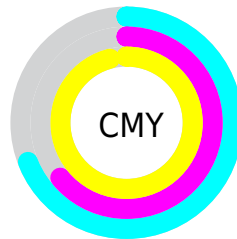


Cyan (13%)

Magenta (0%)

Yellow (89%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505C0A 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 505C0A by changing the saturation by 10% instead.

 505C0A

 505C0A

 FFFFFA

 384400

 848E3E

 1F2E00

 9FA957

 001B00

 BBC470

 000000

 D7E08B

 F4FCA5

 FFFFC1

 FFFFDD

 505C0A

 505C0A

■ 4F5C01

■ 515C13

■ 4F5C00

■ 535C1C

■ 545C26

■ 555C2F

■ 575C38

■ 585C41

■ 595C4A

■ 5B5C54

■ 5C5C5D

Harmonies

Analogous

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



715106



505C0A



226327

Triad

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



505C0A



00648C



903562

Complementary

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



505C0A



160A5C

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.



764283



505C0A



005D9C

Square

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



505C0A



00676F



425198



95363F

Rectangle

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



505C0A



00653E



425198



8A386E

Sweetspot

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



505C0A



737857



5C150A



3A3D2A



BDBDBD



3D3D3D

Same Dimension

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



505C0A



667800



285C0A



2D2E29



5E6E00



CAED00

Inverse Universe

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



160A5C



120078



3E0A5C



2A292E



10006E



2300ED

Previews

White Background



This preview shows how the Hex color 505C0A looks on a white background.

Color Contrast Check

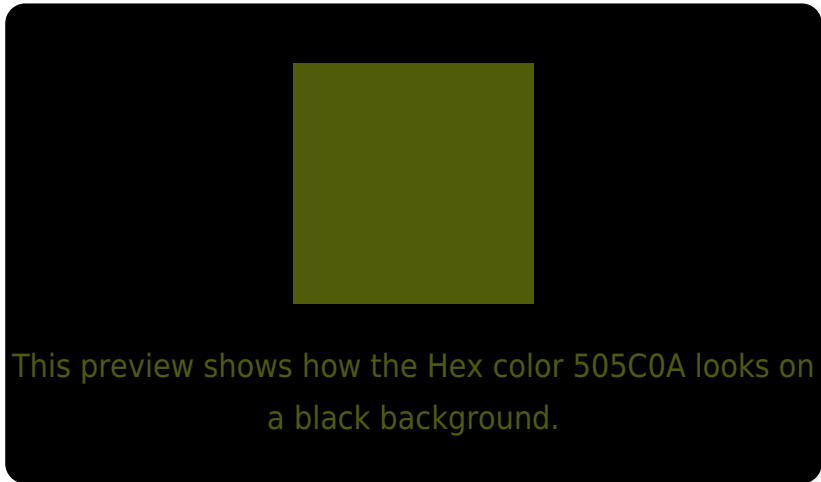
Large Text (above 18pt) WCAG AA ✓ Pass

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

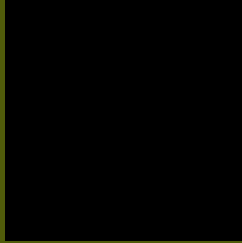
Any Text WCAG AA × Fail

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 505C0A Background



This preview shows how black text looks on a background with the Hex color 505C0A.



This preview shows how white text looks on a background with the Hex color 505C0A.

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](#).

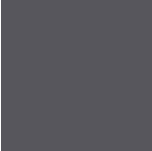
Dichromacy



Original Color
505C0A

Protanopia
615708

Deuteranopia
6D5212



Tritanopia
57565C

Trichromacy



Original Color
505C0A

Protanomaly
5B5909

Deuteranomaly
62560F

Tritanomaly
54583E

Monochromacy



Original Color
505C0A

Achromatopsia
4F4F4F

Achromatomaly
4F5436

CSS Examples

Text

The CSS property to change the color of the text to Hex 505C0A 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 #505C0A looks like.

```
.text, #text, p{  
    color:#505C0A  
}
```

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 #505C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505C0A
}
```

Border

The CSS property to change the border of an element to Hex 505C0A 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".

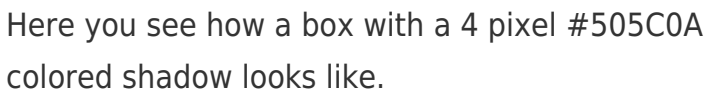
```
.border, #border, table{ border:4px solid
#505C0A }
```

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

```
.border{ border-color:#505C0A }
```

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

Here you see how a box with a 4 pixel #505C0A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #505C0A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505C0A; -webkit-box-shadow:4px 4px  
4px 4px #505C0A; box-shadow:4px 4px 4px  
4px #505C0A }
```

Background

The CSS property to change the background color of an element to Hex 505C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505C0A }
```

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

```
.background{ background-color:#505C0A }
```

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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