

Converting Colors

Hex(505A00)

Have a look what the booklet for
Hex(505A00) contains.

Hex(505A00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(505A00)

Conversions

Conversions Part 1

Format	Color
Hex	505A00
RGB	80, 90, 0
RGB Percent	31%, 35%, 0%
CMY	0.6863, 0.6471, 1.0000
CMYK	0.11, 0.00, 1.00, 0.65
HSL	67°, 100%, 18%
HSV	67°, 100%, 35%
XYZ	6.9644, 9.0178, 1.3735
YIQ	76.7500, 22.9300, -30.1100

Conversions

Conversions Part 2

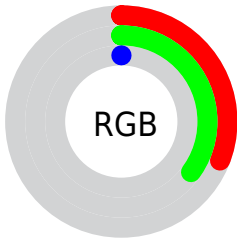
Format	Color
RYB	0, 90, 10
Decimal	5265920
CIELab	36.02, -14.99, 43.13
CIELCh	36, 45.660, 109.166
Yxy	9.0178, 0.4013, 0.5196
Android (android.graphics.Color)	4283456000 (0xFF505A00)
YUV	76.7500, -37.8377, 2.8502
Hunter-Lab	30.0297, -11.1545, 18.3089

Details

The Hex color **505A00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A005A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **848C37**, and **1F2D00** is the 20% darker color. If you saturate the color by 10%, you get **505A00**, and if you desaturate by 10%, it is **515A09**.

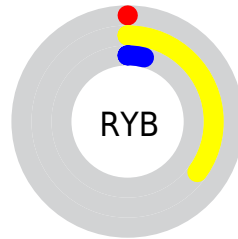
Distribution



Red (31%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (4%)

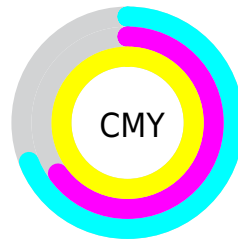


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (69%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505A00 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 505A00 by changing the saturation by 10% instead.

 505A00

 505A00

 FFFFF3

 384300

 848C37

 1F2D00

 9FA650

 001900

 BBC16A

 000000

 D8DD84

 F5FA9F

 FFFFBA

 FFFF66

 505A00

 515A09

 525A12

 535A1B

 545A24

 555A2D

 565A36

 575A3F

 585A48

 595A51

Harmonies

Analogous

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



714E00



505A00



216121

Triad

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



505A00



00638C



903164

Complementary

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



505A00



0A005A

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.



734085



505A00



005D9D

Square

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



505A00



00666C



38519A



96313F

Rectangle

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



505A00



006439



38519A



893570

Sweetspot

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



505A00



717552



5A0900



383B26



BABABA



3B3B3B

Same Dimension

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



505A00



687500



245A00



2D2E29



616E00



D3ED00

Inverse Universe

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



0A005A



0D0075



36005A



2A292E



0C006E



1A00ED

Previews

White Background



This preview shows how the Hex color 505A00 looks on a white background.

Color Contrast Check

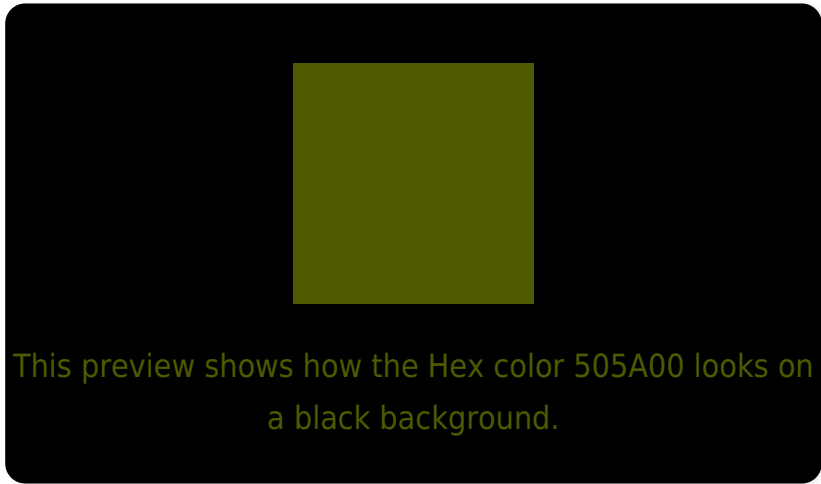
Large Text (above 18pt) WCAG AA ✓ Pass

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

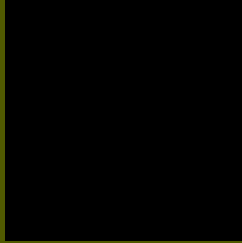
Any Text WCAG AA × Fail

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 505A00 Background



This preview shows how black text looks on a background with the Hex color 505A00.



This preview shows how white text looks on a background with the Hex color 505A00.

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
505A00

Protanopia
605500

Deuteranopia
6B500F



Tritanopia
57545A

Trichromacy



Original Color
505A00

Protanomaly
5A5700

Deuteranomaly
61540A

Tritanomaly
545639

Monochromacy



Original Color
505A00

Achromatopsia
4D4D4D

Achromatomaly
4E5231

CSS Examples

Text

The CSS property to change the color of the text to Hex 505A00 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 #505A00 looks like.

```
.text, #text, p{  
    color:#505A00  
}
```

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 #505A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505A00  
}
```

Border

The CSS property to change the border of an element to Hex 505A00 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  
#505A00 }
```

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

```
.border{ border-color:#505A00 }
```

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

Here you see how a box with a 4 pixel #505A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505A00; -webkit-box-shadow:4px 4px  
4px 4px #505A00; box-shadow:4px 4px 4px  
4px #505A00 }
```

Background

The CSS property to change the background color of an element to Hex 505A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505A00 }
```

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

```
.background{ background-color:#505A00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor