

Converting Colors

Hex(535503)

Have a look what the booklet for
Hex(535503) contains.

| | |
|--|----|
| Hex(535503) | 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> | 28 |

Color

Hex(535503)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 535503 |
| RGB | 83, 85, 3 |
| RGB Percent | 33%, 33%, 1% |
| CMY | 0.6745, 0.6667, 0.9882 |
| CMYK | 0.02, 0.00, 0.96, 0.67 |
| HSL | 61°, 93%, 17% |
| HSV | 61°, 96%, 33% |
| XYZ | 6.8322, 8.3426, 1.3363 |
| YIQ | 75.0540, 25.1300, -25.9260 |

Conversions

Conversions Part 2

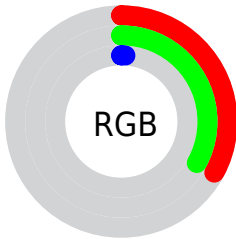
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 3, 85, 5 |
| Decimal | 5461251 |
| CIE Lab | 34.69, -10.58, 41.26 |
| CIE LCh | 35, 42.592, 104.384 |
| Yxy | 8.3426, 0.4138, 0.5053 |
| Android (android.graphics.Color) | 4283651331 (0xFF535503) |
| YUV | 75.0540, -35.5226, 6.9686 |
| Hunter-Lab | 28.8835, -8.3231, 17.4753 |

Details

The Hex color **535503** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **050355**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **878638**, and **222800** is the 20% darker color. If you saturate the color by 10%, you get **535500**, and if you desaturate by 10%, it is **53550C**.

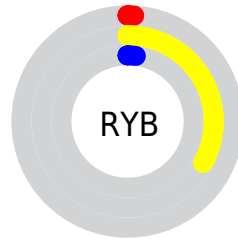
Distribution



Red (33%)

Green (33%)

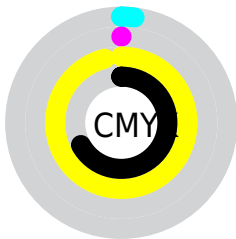
Blue (1%)



Red (1%)

Yellow (33%)

Blue (2%)

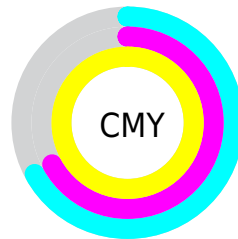


Cyan (2%)

Magenta (0%)

Yellow (96%)

Black (67%)



Cyan (67%)

Magenta (67%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535503 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 535503 by changing the saturation by 10% instead.

 535503

 535503

 FFFFF3

 3B3E00

 878638

 222800

 A3A151

 001500

 BEBB6A

 000000

 DBD784

 F8F49F

 FFFFBB

 FFFF7D

 535503

 535503

■ 535500

■ 53550C

■ 535514

■ 54551D

■ 545525

■ 54552E

■ 545536

■ 54553F

■ 555547

■ 55554F

Harmonies

Analogous

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



714908



535503



2C5C1D

Triad

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



535503



006080



863365

Complementary

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



535503



050355

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.



684182



535503



005A93

Square

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



535503



006161



2A5094



8F3043

Rectangle

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



535503



005F33



2A5094



7E3770

Sweetspot

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



535503



6D6E4E



550403



383824



B8B8B8



383838

Same Dimension

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



535503



6B6E00



2B5503



2B2B27



686B00



E5EB00

Inverse Universe

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



050355



03006E



2D0355



27272B



03006B



0600EB

Previews

White Background



This preview shows how the Hex color 535503 looks on a white background.

Color Contrast Check

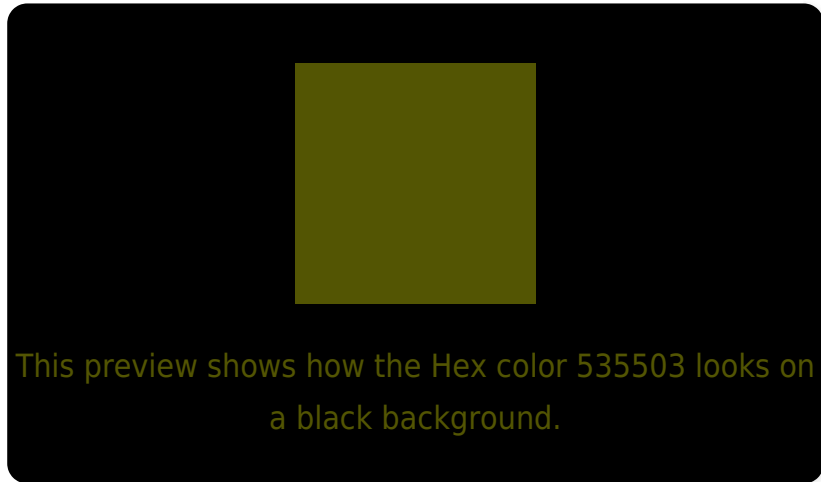
Large Text (above 18pt) WCAG AA ✓ Pass

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

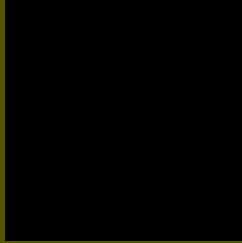
Any Text WCAG AA × Fail

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 535503 Background



This preview shows how black text looks on a background with the Hex color 535503.



This preview shows how white text looks on a background with the Hex color 535503.

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
535503

Deuteranopia
674D0D

Tritanopia
594F55

Trichromacy



Original Color
535503

Deuteranomaly
605009

Tritanomaly
575137

Monochromacy



Original Color
535503

Achromatopsia
4B4B4B

Achromatomaly
4E4F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 535503 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 #535503 looks like.

```
.text, #text, p{  
    color:#535503  
}
```

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 #535503 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535503
}
```

Border

The CSS property to change the border of an element to Hex 535503 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
#535503 }
```

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

```
.border{ border-color:#535503 }
```

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

Here you see how a box with a 4 pixel #535503 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535503; -webkit-box-shadow:4px 4px  
4px 4px #535503; box-shadow:4px 4px 4px  
4px #535503 }
```

Background

The CSS property to change the background color of an element to Hex 535503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535503 }
```

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

```
.background{ background-color:#535503 }
```

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