

Converting Colors

Hex(515511)

Have a look what the booklet for
Hex(515511) contains.

Hex(515511)	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(515511)

Conversions

Conversions Part 1

Format	Color
Hex	515511
RGB	81, 85, 17
RGB Percent	32%, 33%, 7%
CMY	0.6824, 0.6667, 0.9333
CMYK	0.05, 0.00, 0.80, 0.67
HSL	64°, 67%, 20%
HSV	64°, 80%, 33%
XYZ	6.7430, 8.2868, 1.7744
YIQ	76.0520, 19.4440, -21.9960

Conversions

Conversions Part 2

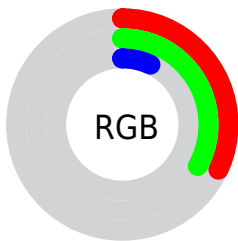
Format	Color
R_YB	17, 85, 21
Decimal	5330193
CIE Lab	34.57, -11.00, 36.49
CIE LCh	35, 38.111, 106.778
Yxy	8.2868, 0.4013, 0.4931
Android (android.graphics.Color)	4283520273 (0xFF515511)
YUV	76.0520, -29.1126, 4.3394
Hunter-Lab	28.7868, -8.5651, 16.4961

Details

The Hex color **515511** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **151155**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **858642**, and **212800** is the 20% darker color. If you saturate the color by 10%, you get **505508**, and if you desaturate by 10%, it is **515519**.

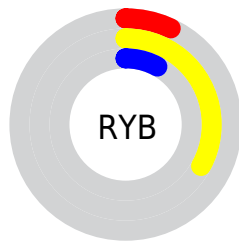
Distribution



Red (32%)

Green (33%)

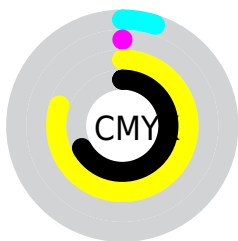
Blue (7%)



Red (7%)

Yellow (33%)

Blue (8%)

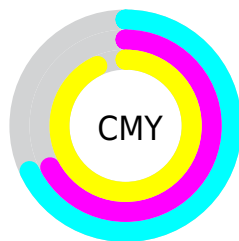


Cyan (5%)

Magenta (0%)

Yellow (80%)

Black (67%)



Cyan (68%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515511 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 515511 by changing the saturation by 10% instead.

■ 515511

■ 515511

FFFFFFD

■ 393E00

■ 858642

■ 212800

■ 9FA15A

■ 001500

■ BBBC73

■ 000000

■ D7D78D

■ F4F4A8

■ FFFFC4

■ FFFFEO

■ 515511

■ 515511

■ 505508

■ 515519

■ 505500

■ 525522

■ 52552A

■ 535533

■ 53553B

■ 545544

■ 54554C

■ 555555

■ 55555E

Harmonies

Analogous

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



6C4B12



515511



2D5C25

Triad

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



515511



005E7D



823760

Complementary

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



515511



151155

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.



68427B



515511



00598C

Square

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



515511



006062



384F8C



893642

Rectangle

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



515511



005E38



384F8C



7B3A6A

Sweetspot

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



515511



6C6E53



551411



373828



B8B8B8



383838

Same Dimension

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



515511



676E04



305511



2B2B27



656B00



DDEB00

Inverse Universe

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



151155



0B046E



361155



27272B



06006B



0E00EB

Previews

White Background



This preview shows how the Hex color 515511 looks on a white background.

Color Contrast Check

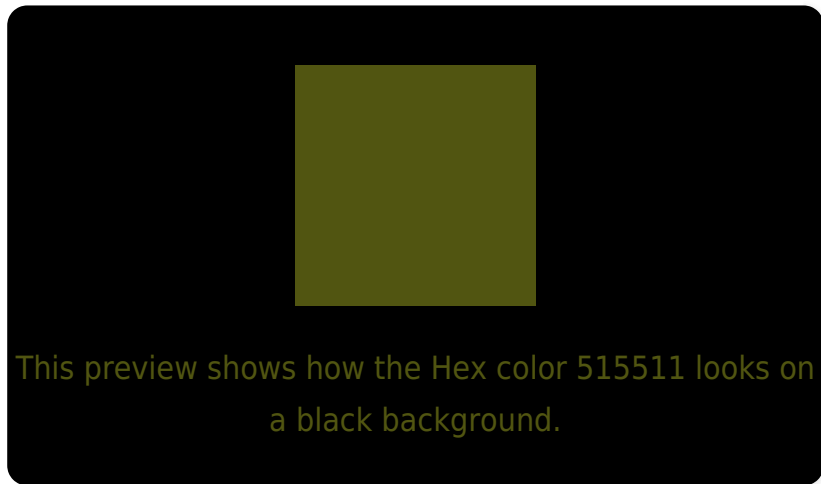
Large Text (above 18pt) WCAG AA ✓ Pass

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

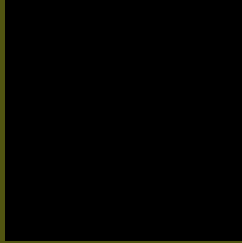
Any Text WCAG AA × Fail

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 515511 Background



This preview shows how black text looks on a background with the Hex color 515511.



This preview shows how white text looks on a background with the Hex color 515511.

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
515511

Protanopia
5C5210

Deuteranopia
664D15



Tritanopia
574F55

Trichromacy



Original Color
515511

Protanomaly
585310

Deuteranomaly
5E5014

Tritanomaly
55513C

Monochromacy



Original Color
515511

Achromatopsia
4C4C4C

Achromatomaly
4E4F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 515511 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 #515511 looks like.

```
.text, #text, p{  
    color:#515511  
}
```

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 #515511 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515511
}
```

Border

The CSS property to change the border of an element to Hex 515511 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".

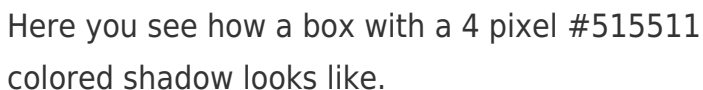
```
.border, #border, table{ border:4px solid
#515511 }
```

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

```
.border{ border-color:#515511 }
```

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

Here you see how a box with a 4 pixel #515511 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515511; -webkit-box-shadow:4px 4px  
4px 4px #515511; box-shadow:4px 4px 4px  
4px #515511 }
```

Background

The CSS property to change the background color of an element to Hex 515511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515511 }
```

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

```
.background{ background-color:#515511 }
```

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