

Converting Colors

Hex(525511)

Have a look what the booklet for
Hex(525511) contains.

Hex(525511)	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(525511)

Conversions

Conversions Part 1

Format	Color
Hex	525511
RGB	82, 85, 17
RGB Percent	32%, 33%, 7%
CMY	0.6784, 0.6667, 0.9333
CMYK	0.04, 0.00, 0.80, 0.67
HSL	63°, 67%, 20%
HSV	63°, 80%, 33%
XYZ	6.8294, 8.3313, 1.7785
YIQ	76.3510, 20.0400, -21.7840

Conversions

Conversions Part 2

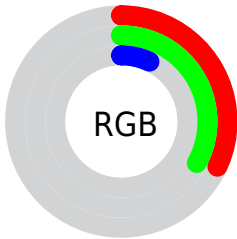
Format	Color
R_{YB}	17, 85, 20
Decimal	5395729
CIE Lab	34.66, -10.51, 36.61
CIE LCh	35, 38.085, 106.021
Yxy	8.3313, 0.4032, 0.4918
Android (android.graphics.Color)	4283585809 (0xFF525511)
YUV	76.3510, -29.2600, 4.9542
Hunter-Lab	28.8640, -8.2781, 16.5516

Details

The Hex color **525511** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **141155**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **868642**, and **222800** is the 20% darker color. If you saturate the color by 10%, you get **525508**, and if you desaturate by 10%, it is **525519**.

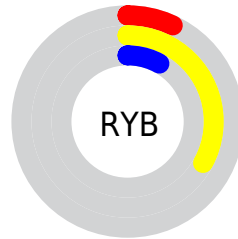
Distribution



Red (32%)

Green (33%)

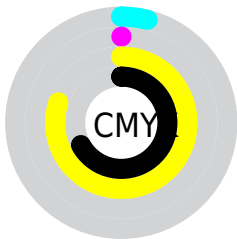
Blue (7%)



Red (7%)

Yellow (33%)

Blue (8%)

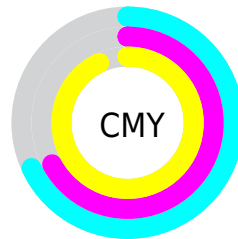


Cyan (4%)

Magenta (0%)

Yellow (80%)

Black (67%)



Cyan (68%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 525511 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 525511 by changing the saturation by 10% instead.

■ 525511

■ 525511

FFFFFFD

■ 3A3E00

■ 868642

■ 222800

■ A1A15A

■ 001500

■ BCBC73

■ 000000

■ D9D78D

■ F6F4A8

■ FFFFC4

■ FFFFEO

■ 525511

■ 525511

■ 525508

■ 525519

■ 515500

■ 535522

■ 53552A

■ 535533

■ 54553B

■ 545544

■ 55554C

■ 555555

■ 55555E

Harmonies

Analogous

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



6D4B13



525511



2F5C25

Triad

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



525511



005E7D



813761

Complementary

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



525511



141155

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.



68427C



525511



00598C

Square

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



525511



006061



374F8C



893642

Rectangle

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



525511



005E38



374F8C



7B3A6B

Sweetspot

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



525511



6C6E53



551311



373828



B8B8B8



383838

Same Dimension

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



525511



696E04



315511



2B2B27



666B00



E0EB00

Inverse Universe

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



141155



09046E



351155



27272B



05006B



0A00EB

Previews

White Background



This preview shows how the Hex color 525511 looks on a white background.

Color Contrast Check

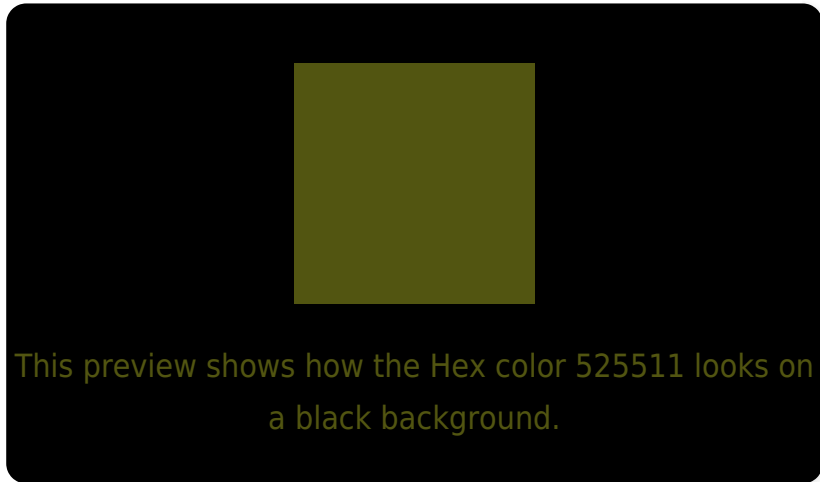
Large Text (above 18pt) WCAG AA ✓ Pass

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

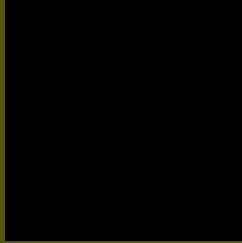
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

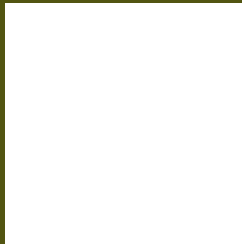
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 525511 Background



This preview shows how black text looks on a background with the Hex color 525511.



This preview shows how white text looks on a background with the Hex color 525511.

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
525511

Protanopia
5C5210

Deuteranopia
674D15



Tritanopia
584F55

Trichromacy



Original Color
525511

Protanomaly
585310

Deuteranomaly
5F5014

Tritanomaly
56513C

Monochromacy



Original Color
525511

Achromatopsia
4C4C4C

Achromatomaly
4E4F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 525511 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 #525511 looks like.

```
.text, #text, p{  
    color:#525511  
}
```

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 #525511 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525511
}
```

Border

The CSS property to change the border of an element to Hex 525511 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
#525511 }
```

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

```
.border{ border-color:#525511 }
```

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

Here you see how a box with a 4 pixel #525511 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525511; -webkit-box-shadow:4px 4px  
4px 4px #525511; box-shadow:4px 4px 4px  
4px #525511 }
```

Background

The CSS property to change the background color of an element to Hex 525511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525511 }
```

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

```
.background{ background-color:#525511 }
```

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