

# Converting Colors

Hex(525E08)

Have a look what the booklet for  
Hex(525E08) contains.

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**Color**

**Hex(525E08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	525E08
RGB	82, 94, 8
RGB Percent	32%, 37%, 3%
CMY	0.6784, 0.6314, 0.9686
CMYK	0.13, 0.00, 0.91, 0.63
HSL	68°, 84%, 20%
HSV	68°, 91%, 37%
XYZ	7.5262, 9.8168, 1.7279
YIQ	80.6080, 20.4540, -29.2900

# Conversions

## Conversions Part 2

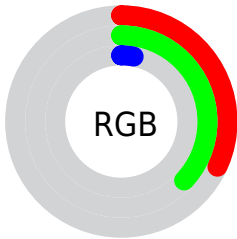
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 94, 20
Decimal	5398024
CIE <sub>Lab</sub>	37.51, -15.94, 42.00
CIE <sub>LCh</sub>	38, 44.927, 110.788
Yxy	9.8168, 0.3946, 0.5148
Android (android.graphics.Color)	4283588104 (0xFF525E08)
YUV	80.6080, -35.7957, 1.2208
Hunter-Lab	31.3317, -11.9530, 18.6625

# Details

The Hex color **525E08** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14085E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **86903D**, and **213000** is the 20% darker color. If you saturate the color by 10%, you get **515E00**, and if you desaturate by 10%, it is **535E11**.

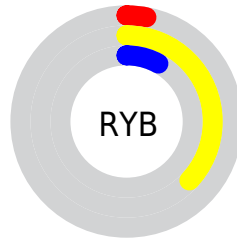
# Distribution



Red (32%)

Green (37%)

Blue (3%)



Red (3%)

Yellow (37%)

Blue (8%)

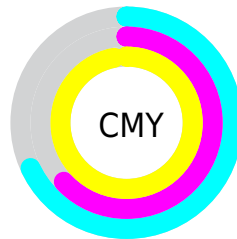


Cyan (13%)

Magenta (0%)

Yellow (91%)

Black (63%)



Cyan (68%)

Magenta (63%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 525E08 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 525E08 by changing the saturation by 10% instead.



 525E08

 525E08

 FFFFFFFA

 394600

 86903D

 213000

 A1AB56

 011C00

 BDC670

 000000

 DAE28A

 F7FFA5

 FFFFC1

 FFFFDD

 525E08

 525E08

■ 515E00

■ 535E11

■ 555E1B

■ 565E24

■ 575E2E

■ 595E37

■ 5A5E40

■ 5B5E4A

■ 5C5E53

■ 5E5E5D

# Harmonies

## Analogous

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



745305



525E08



236527

# Triad

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



525E08



006790



943665

# Complementary

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



525E08



14085E

# 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.



794387



525E08



0060A0

# Square

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



525E08



006971



42539C



993641

# Rectangle

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



525E08



00683F



42539C



8D3971



# Sweetspot

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



525E08



767A59



5E1308



3A3D2A



BDBDBD



3D3D3D



# Same Dimension

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



525E08



697A00



285E08



2D2E29



5E6E00



CCED00



# Inverse Universe

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



14085E



11007A



3E085E



2A292E



0F006E



2100ED



# Previews

## White Background



This preview shows how the Hex color 525E08 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 525E08 Background



This preview shows how black text looks on a background with the Hex color 525E08.



This preview shows how white text looks on a background with the Hex color 525E08.

# 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**  
525E08

**Protanopia**  
645905

**Deuteranopia**  
6F5412



**Tritanopia**  
59575E

# Trichromacy



**Original Color**  
525E08

**Protanomaly**  
5D5B06

**Deuteranomaly**  
64580E

**Tritanomaly**  
565A3F

# Monochromacy



**Original Color**  
525E08

**Achromatopsia**  
515151

**Achromatomaly**  
515636

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 525E08 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 #525E08 looks like.

```
.text, #text, p{  
    color:#525E08  
}
```

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 #525E08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #525E08
}
```

## Border

The CSS property to change the border of an element to Hex 525E08 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".

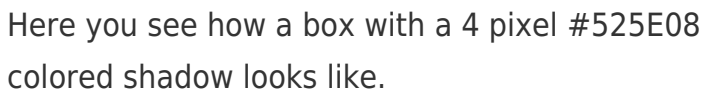
```
.border, #border, table{ border:4px solid
#525E08 }
```

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

```
.border{ border-color:#525E08 }
```

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

Here you see how a box with a 4 pixel #525E08 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #525E08; -webkit-box-shadow:4px 4px  
4px 4px #525E08; box-shadow:4px 4px 4px  
4px #525E08 }
```

# Background

The CSS property to change the background color of an element to Hex 525E08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#525E08 }
```

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

```
.background{ background-color:#525E08 }
```

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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