

# Converting Colors

Hex(565414)

Have a look what the booklet for  
Hex(565414) contains.

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# Color

Hex(565414)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	565414
RGB	86, 84, 20
RGB Percent	34%, 33%, 8%
CMY	0.6627, 0.6706, 0.9216
CMYK	0.00, 0.02, 0.77, 0.66
HSL	58°, 62%, 21%
HSV	58°, 77%, 34%
XYZ	7.1343, 8.3696, 1.9013
YIQ	77.3020, 21.7360, -19.4800

# Conversions

## Conversions Part 2

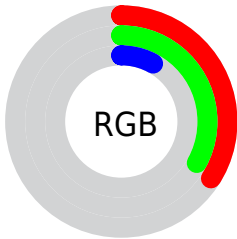
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 86, 20
Decimal	5657620
CIE Lab	34.74, -7.80, 35.60
CIE LCh	35, 36.441, 102.353
Yxy	8.3696, 0.4099, 0.4809
Android (android.graphics.Color)	4283847700 (0xFF565414)
YUV	77.3020, -28.2499, 7.6281
Hunter-Lab	28.9302, -6.6089, 16.3546

# Details

The Hex color **565414** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **141656**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8A8544**, and **262700** is the 20% darker color. If you saturate the color by 10%, you get **56540B**, and if you desaturate by 10%, it is **56541D**.

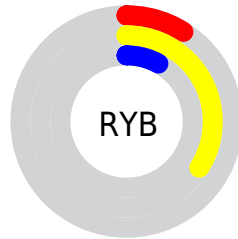
# Distribution



Red (34%)

Green (33%)

Blue (8%)



Red (9%)

Yellow (34%)

Blue (8%)

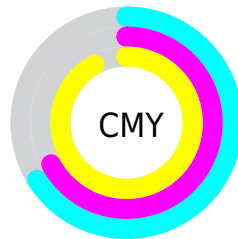


Cyan (0%)

Magenta (2%)

Yellow (77%)

Black (66%)



Cyan (66%)

Magenta (67%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565414 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 565414 by changing the saturation by 10% instead.





565414



565414

FFFFFF



3D3D00



8A8544



262700



A59F5C



061400



C1BA76



000000



DDD690



FAF2AB



FFFFC6



FFFFE3



565414



565414

■ 56540B

■ 56541D

■ 565303

■ 565525

■ 565300

■ 56552E

■ 565536

■ 56553F

■ 565648

■ 565650

■ 565659

■ 565661

# Harmonies

## Analogous

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



6F4A18



565414



365B24

# Triad

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



565414



005E78



7E3A64

# Complementary

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



565414



141656

# 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.



63457D



565414



005A89

# Square

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



565414



00605D



31518A



873747

# Rectangle

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



565414



145E35



31518A



773D6D



# Sweetspot

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



565414



706F56



561416



383828



B8B8B8



383838



# Same Dimension

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



565414



706D09



375614



2B2B27



6B6800



EBE300



# Inverse Universe

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



141656



090C70



331456



27272B



00036B



0007EB



# Previews

## White Background



This preview shows how the Hex color 565414 looks on a white background.

## Color Contrast Check

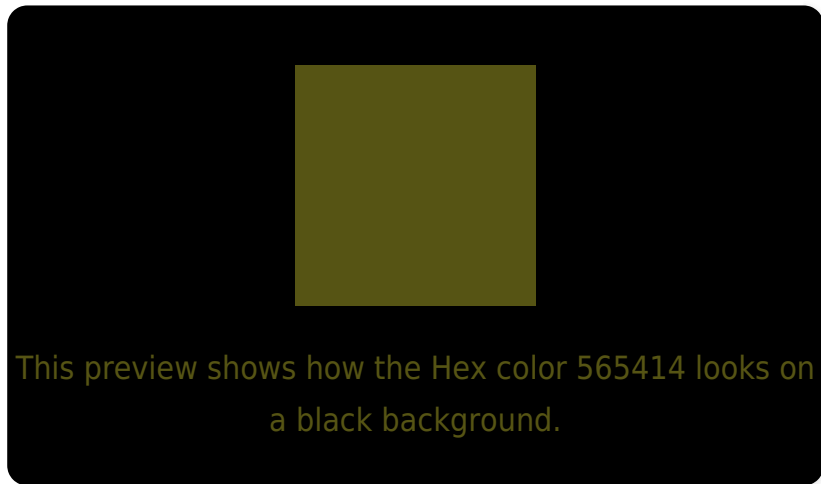
Large Text (above 18pt) WCAG AA ✓ Pass

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

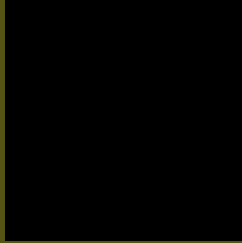
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 565414 Background



This preview shows how black text looks on a background with the Hex color 565414.



This preview shows how white text looks on a background with the Hex color 565414.

# 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](#).

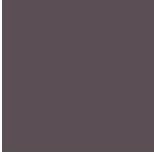
## Dichromacy



**Original Color**  
565414

**Protanopia**  
5C5213

**Deuteranopia**  
674E17



**Tritanopia**  
5B4E54

# Trichromacy



**Original Color**  
565414

**Protanomaly**  
5A5313

**Deuteranomaly**  
615016

**Tritanomaly**  
59503D

# Monochromacy



**Original Color**  
565414

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
505038

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565414 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 #565414 looks like.

```
.text, #text, p{  
    color:#565414  
}
```

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 #565414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565414
}
```

## Border

The CSS property to change the border of an element to Hex 565414 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
#565414 }
```

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

```
.border{ border-color:#565414 }
```

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

Here you see how a box with a 4 pixel #565414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565414; -webkit-box-shadow:4px 4px  
4px 4px #565414; box-shadow:4px 4px 4px  
4px #565414 }
```

# Background

The CSS property to change the background color of an element to Hex 565414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565414 }
```

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

```
.background{ background-color:#565414 }
```

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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