

Converting Colors

Hex(565608)

Have a look what the booklet for
Hex(565608) contains.

| | |
|--|----|
| Hex(565608) | 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(565608)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 565608 |
| RGB | 86, 86, 8 |
| RGB Percent | 34%, 34%, 3% |
| CMY | 0.6627, 0.6627, 0.9686 |
| CMYK | 0.00, 0.00, 0.91, 0.66 |
| HSL | 60°, 83%, 18% |
| HSV | 60°, 91%, 34% |
| XYZ | 7.2094, 8.6515, 1.5197 |
| YIQ | 77.1080, 25.0380, -24.2580 |

Conversions

Conversions Part 2

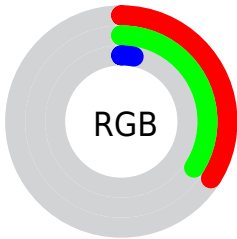
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 8, 86, 8 |
| Decimal | 5658120 |
| CIE Lab | 35.30, -9.49, 40.30 |
| CIE LCh | 35, 41.405, 103.247 |
| Yxy | 8.6515, 0.4148, 0.4978 |
| Android (android.graphics.Color) | 4283848200 (0xFF565608) |
| YUV | 77.1080, -34.0702, 7.7983 |
| Hunter-Lab | 29.4135, -7.7226, 17.5262 |

Details

The Hex color **565608** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **080856**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8A873C**, and **252900** is the 20% darker color. If you saturate the color by 10%, you get **565600**, and if you desaturate by 10%, it is **565611**.

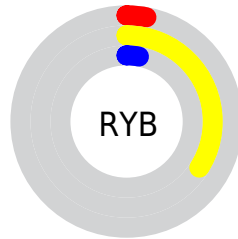
Distribution



Red (34%)

Green (34%)

Blue (3%)



Red (3%)

Yellow (34%)

Blue (3%)

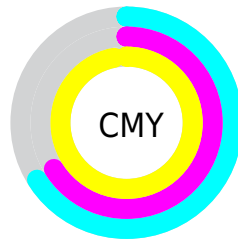


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (66%)



Cyan (66%)

Magenta (66%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565608 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 565608 by changing the saturation by 10% instead.

 565608

 565608

 FFFFF7

 3E3F00

 8A873C

 252900

 A6A255

 051600

 C2BD6E

 000000

 DED888

 FBF5A3

 FFFFBE

 FFFFDA

 565608

 565608

■ 565600

■ 565611

■ 565619

■ 565622

■ 56562A

■ 565633

■ 56563C

■ 565644

■ 56564D

■ 565655

Harmonies

Analogous

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



734B0E



565608



305D1F

Triad

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



565608



006180



853667

Complementary

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



565608



080856

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.



674484



565608



005C92

Square

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



565608



006361



2B5294



8F3346

Rectangle

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



565608



006034



2B5294



7E3A71

Sweetspot

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



565608



707052



560808



383826



B8B8B8



383838

Same Dimension

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



565608



707000



2F5608



2B2B27



6B6B00



EBEB00

Inverse Universe

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



080856



000070



2F0856



27272B



00006B



0000EB

Previews

White Background



This preview shows how the Hex color 565608 looks on a white background.

Color Contrast Check

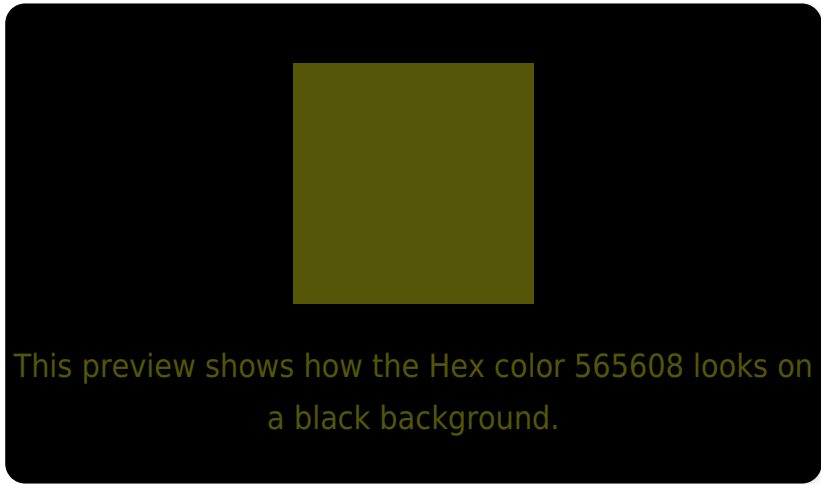
Large Text (above 18pt) WCAG AA ✓ Pass

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

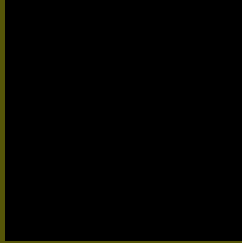
Any Text WCAG AA × Fail

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 565608 Background



This preview shows how black text looks on a background with the Hex color 565608.



This preview shows how white text looks on a background with the Hex color 565608.

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
565608

Protanopia
5E5307

Deuteranopia
694F0F



Tritanopia
5C5056

Trichromacy



Original Color
565608

Protanomaly
5B5407

Deuteranomaly
62520C

Tritanomaly
5A523A

Monochromacy



Original Color
565608

Achromatopsia
4D4D4D

Achromatomaly
505034

CSS Examples

Text

The CSS property to change the color of the text to Hex 565608 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 #565608 looks like.

```
.text, #text, p{  
    color:#565608  
}
```

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 #565608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565608
}
```

Border

The CSS property to change the border of an element to Hex 565608 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
#565608 }
```

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

```
.border{ border-color:#565608 }
```

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

Here you see how a box with a 4 pixel #565608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565608; -webkit-box-shadow:4px 4px  
4px 4px #565608; box-shadow:4px 4px 4px  
4px #565608 }
```

Background

The CSS property to change the background color of an element to Hex 565608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565608 }
```

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

```
.background{ background-color:#565608 }
```

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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