

Converting Colors

Hex(555308)

Have a look what the booklet for
Hex(555308) contains.

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Color

Hex(555308)

Conversions

Conversions Part 1

Format	Color
Hex	555308
RGB	85, 83, 8
RGB Percent	33%, 33%, 3%
CMY	0.6667, 0.6745, 0.9686
CMYK	0.00, 0.02, 0.91, 0.67
HSL	58°, 83%, 18%
HSV	58°, 91%, 33%
XYZ	6.8834, 8.1353, 1.4372
YIQ	75.0480, 25.2670, -22.9010

Conversions

Conversions Part 2

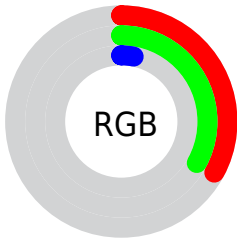
Format	Color
R_{YB}	10, 85, 8
Decimal	5591816
CIE _{Lab}	34.26, -8.24, 39.39
CIE _{LCh}	34, 40.247, 101.812
Yxy	8.1353, 0.4183, 0.4944
Android (android.graphics.Color)	4283781896 (0xFF555308)
YUV	75.0480, -33.0547, 8.7279
Hunter-Lab	28.5225, -6.8366, 16.9782

Details

The Hex color **555308** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **080A55**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **89843B**, and **242700** is the 20% darker color. If you saturate the color by 10%, you get **555300**, and if you desaturate by 10%, it is **555310**.

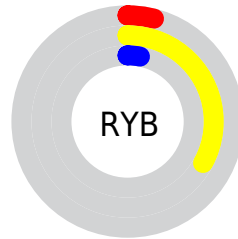
Distribution



Red (33%)

Green (33%)

Blue (3%)



Red (4%)

Yellow (33%)

Blue (3%)

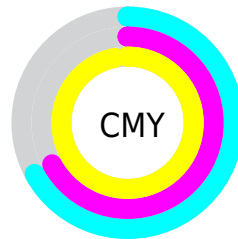


Cyan (0%)

Magenta (2%)

Yellow (91%)

Black (67%)



Cyan (67%)

Magenta (67%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555308 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 555308 by changing the saturation by 10% instead.

 555308

 555308

 FFFFF6

 3D3C00

 89843B

 242700

 A59E54

 031300

 C0B96D

 000000

 DDD587

 FAF1A2

 FFFFBD

 FFFFD9

 555308

 555308

■ 555300

■ 555310

■ 555319

■ 555421

■ 55542A

■ 555432

■ 55543B

■ 555543

■ 55554C

■ 555554

Harmonies

Analogous

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



71480F



555308



315A1D

Triad

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



555308



005E7B



803565

Complementary

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



555308



080A55

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.



624281



555308



00598D

Square

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



555308



00605D



26508F



8A3245

Rectangle

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



555308



025D31



26508F



79396F

Sweetspot

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



555308



6E6D50



55080B



383826



B8B8B8



383838

Same Dimension

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



555308



6E6B00



315508



2B2B27



6B6800



EBE500

Inverse Universe

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



080A55



00036E



2C0855



27272B



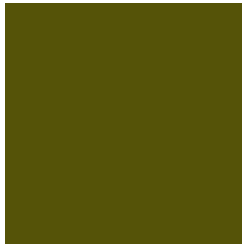
00036B



0006EB

Previews

White Background



This preview shows how the Hex color 555308 looks on a white background.

Color Contrast Check

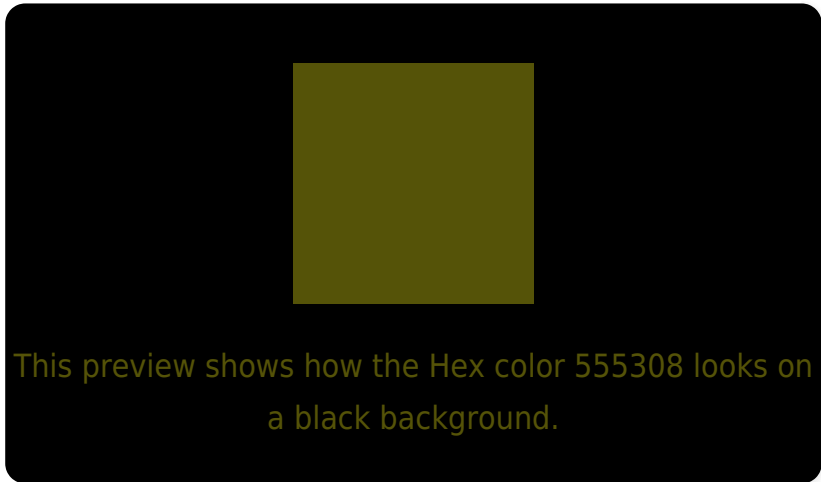
Large Text (above 18pt) WCAG AA ✓ Pass

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

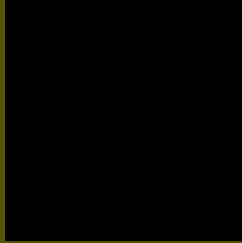
Any Text WCAG AA × Fail

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 555308 Background



This preview shows how black text looks on a background with the Hex color 555308.



This preview shows how white text looks on a background with the Hex color 555308.

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
555308

Protanopia
5B5107

Deuteranopia
664D0E



Tritanopia
5A4D53

Trichromacy



Original Color
555308

Protanomaly
595207

Deuteranomaly
604F0C

Tritanomaly
584F38

Monochromacy



Original Color
555308

Achromatopsia
4B4B4B

Achromatomaly
4F4E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 555308 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 #555308 looks like.

```
.text, #text, p{  
    color:#555308  
}
```

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 #555308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555308
}
```

Border

The CSS property to change the border of an element to Hex 555308 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
#555308 }
```

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

```
.border{ border-color:#555308 }
```

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

Here you see how a box with a 4 pixel #555308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555308; -webkit-box-shadow:4px 4px  
4px 4px #555308; box-shadow:4px 4px 4px  
4px #555308 }
```

Background

The CSS property to change the background color of an element to Hex 555308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555308 }
```

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

```
.background{ background-color:#555308 }
```

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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