

# Converting Colors

Hex(255555)

Have a look what the booklet for  
Hex(255555) contains.

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# Color

Hex(255555)

# Conversions

## Conversions Part 1

Format	Color
Hex	255555
RGB	37, 85, 85
RGB Percent	15%, 33%, 33%
CMY	0.8549, 0.6667, 0.6667
CMYK	0.56, 0.00, 0.00, 0.67
HSL	180°, 39%, 24%
HSV	180°, 56%, 33%
XYZ	5.6511, 7.5462, 9.7530
YIQ	70.6480, -28.6080, -10.1760

# Conversions

## Conversions Part 2

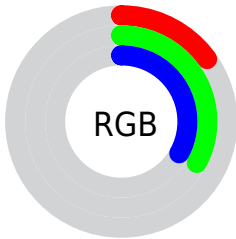
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 61, 85
Decimal	2446677
CIE <sub>Lab</sub>	33.02, -16.14, -4.97
CIE <sub>LCh</sub>	33, 16.888, 197.116
Yxy	7.5462, 0.2462, 0.3288
Android (android.graphics.Color)	4280636757 (0xFF255555)
YUV	70.6480, 7.0755, -29.5093
Hunter-Lab	27.4703, -11.3524, -1.8210




# Details

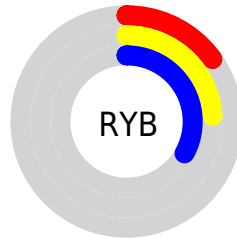
The Hex color **255555** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **552525**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **578787**, and **002828** is the 20% darker color. If you saturate the color by 10%, you get **1C5555**, and if you desaturate by 10%, it is **2E5555**.

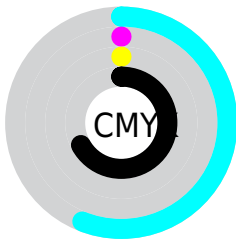
# Distribution







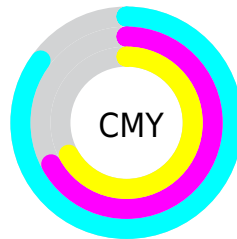
-  Red (15%)
-  Green (33%)
-  Blue (33%)






-  Red (15%)
-  Yellow (24%)
-  Blue (33%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (85%)
-  Magenta (67%)
-  Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 255555 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 255555 by changing the saturation by 10% instead.



■ 255555

■ 255555

FFFFFF

■ 083E3E

■ 578787

■ 002828

■ 71A1A1

■ 001314

■ 8BBCBC

■ 000000

■ A6D8D7

■ C2F5F4

■ DEFFFF

■ FBFFFF

■ 255555

■ 255555

■ 1C5555

■ 2E5555

■ 145555

■ 365555

■ 0B5555

■ 3E5555

■ 035555

■ 475555

■ 005555

■ 4F5555

■ 585555

■ 605555

■ 695555

■ 725555

# Harmonies

## Analogous

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



315547



255555



255461

# Triad

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



255555



594860



5C4B34

# Complementary

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



255555



552525

# 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.



65473B



255555



644454

# Square

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



255555



484C67



684446



4F4F34

# Rectangle

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



255555



2E5266



684446



604935



# Sweetspot

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



255555



5B6E6E



255525



2D3838



B8B8B8



383838



# Same Dimension

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



255555



236E6E



253D55



272B2B



006B6B



00EBEB



# Inverse Universe

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



552555



6E236E



553D25



2B272B



6B006B



EB00EB



# Previews

## White Background



This preview shows how the Hex color 255555 looks on a white background.

## Color Contrast Check

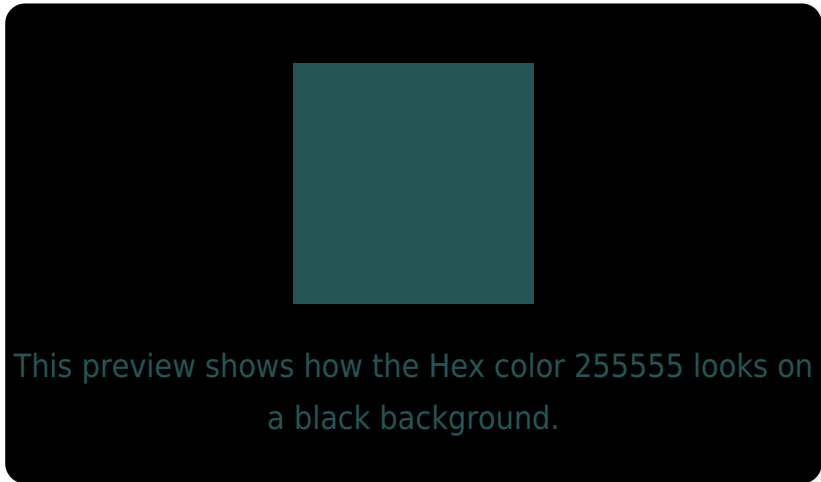
Large Text (above 18pt) WCAG AA ✓ Pass

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

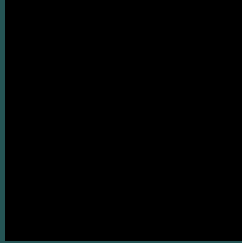
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 255555 Background



This preview shows how black text looks on a background with the Hex color 255555.



This preview shows how white text looks on a background with the Hex color 255555.

# 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**  
255555

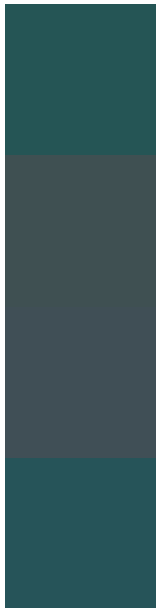
**Protanopia**  
4E4D50

**Deuteranopia**  
504B57



**Tritanopia**  
27545B

# Trichromacy



**Original Color**  
255555

**Protanomaly**  
3F5052

**Deuteranomaly**  
404F56

**Tritanomaly**  
265459

# Monochromacy



**Original Color**  
255555

**Achromatopsia**  
474747

**Achromatomaly**  
3B4C4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 255555 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 #255555 looks like.

```
.text, #text, p{  
    color:#255555  
}
```

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 #255555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255555  
}
```

## Border

The CSS property to change the border of an element to Hex 255555 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  
#255555 }
```

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

```
.border{ border-color:#255555 }
```

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

Here you see how a box with a 4 pixel #255555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255555; -webkit-box-shadow:4px 4px  
4px 4px #255555; box-shadow:4px 4px 4px  
4px #255555 }
```

# Background

The CSS property to change the background color of an element to Hex 255555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255555 }
```

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

```
.background{ background-color:#255555 }
```

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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