

# Converting Colors

Hex(255D38)

Have a look what the booklet for  
Hex(255D38) contains.

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# Color

Hex(255D38)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	255D38
RGB	37, 93, 56
RGB Percent	15%, 36%, 22%
CMY	0.8549, 0.6353, 0.7804
CMYK	0.60, 0.00, 0.40, 0.64
HSL	140°, 43%, 25%
HSV	140°, 60%, 36%
XYZ	5.3911, 8.5075, 5.0994
YIQ	72.0380, -21.4990, -23.3790

# Conversions

## Conversions Part 2

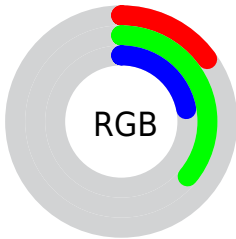
Format	Color
<a href="#">RYB</a>	<a href="#">37, 79, 93</a>
Decimal	<a href="#">2448696</a>
CIELab	<a href="#">35.02, -27.80, 15.87</a>
CIELCh	<a href="#">35, 32.009, 150.274</a>
Yxy	<a href="#">8.5075, 0.2838, 0.4478</a>
Android (android.graphics.Color)	<a href="#">4280638776 (0xFF255D38)</a>
YUV	<a href="#">72.0380, -7.9067, -30.7283</a>
Hunter-Lab	<a href="#">29.1677, -18.0510, 10.0518</a>

# Details

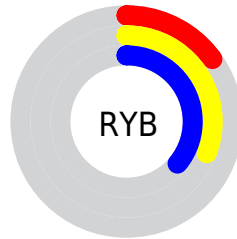
The Hex color **255D38** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D254A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **579067**, and **002E0D** is the 20% darker color. If you saturate the color by 10%, you get **1C5D32**, and if you desaturate by 10%, it is **2E5D3E**.

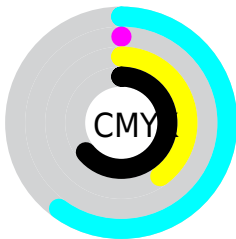
# Distribution



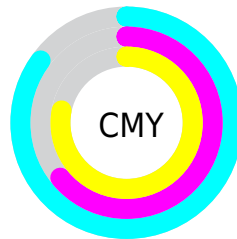
- Red (15%)
- Green (36%)
- Blue (22%)



- Red (15%)
- Yellow (31%)
- Blue (36%)



- Cyan (60%)
- Magenta (0%)
- Yellow (40%)
- Black (64%)



- Cyan (85%)
- Magenta (64%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 255D38 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 255D38 by changing the saturation by 10% instead.



 255D38

 255D38

FFFFFF

 084522

 579067

 002E0D

 71AB80

 001A00

 8CC69B

 000000

 A7E2B5

 C2FFD1

 DFFFED

 FFFFFFFF

 255D38

 255D38

■ 1C5D32

■ 2E5D3E

■ 125D2C

■ 385D44

■ 095D26

■ 415D4A

■ 005D20

■ 4A5D51

■ 545D57

■ 5D5D5D

■ 665D63

■ 6F5D69

■ 795D6F

# Harmonies

## Analogous

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



475824



255D38



005F52

# Triad

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



255D38



205585



813F3A

# Complementary

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



255D38



5D254A

# 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.



803C53



255D38



544C7F

# Square

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



255D38



005B7E



72426C



754826

# Rectangle

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



255D38



005F63



72426C



823D42



# Sweetspot

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



255D38



62786A



4A5D25



303D34



BDBDBD



3D3D3D



# Same Dimension

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



255D38



22783F



255D54



292E2B



006E25



00ED50



# Inverse Universe

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



5D254A



78225B



5D252E



2E292C



6E0048

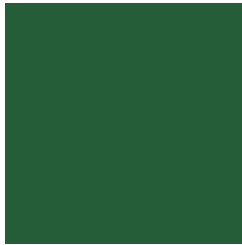


ED009D



# Previews

## White Background



This preview shows how the Hex color 255D38 looks on a white background.

## Color Contrast Check

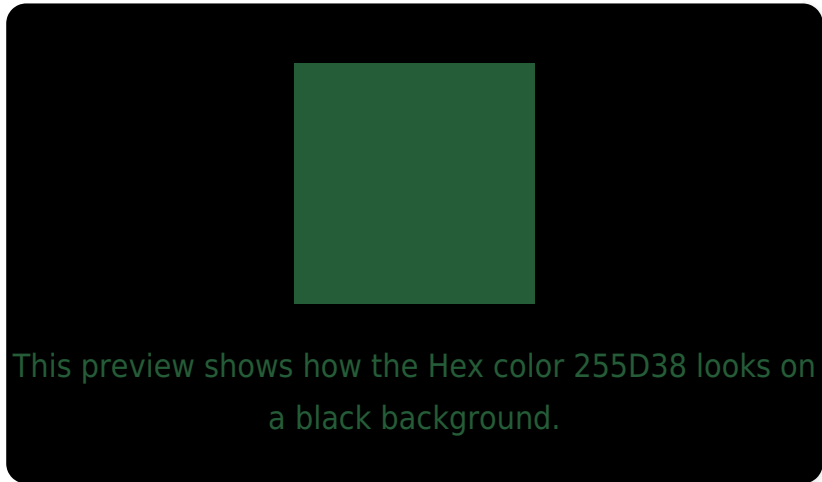
Large Text (above 18pt) WCAG AA ✓ Pass

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

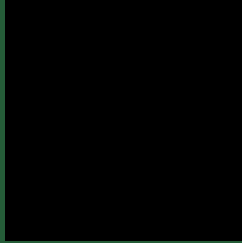
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 255D38 Background



This preview shows how black text looks on a background with the Hex color 255D38.



This preview shows how white text looks on a background with the Hex color 255D38.

# 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](#).

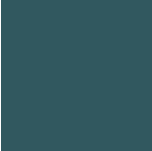
## Dichromacy



**Original Color**  
255D38

**Protanopia**  
595234

**Deuteranopia**  
614F3B



**Tritanopia**  
31585F

# Trichromacy



**Original Color**  
255D38

**Protanomaly**  
465635

**Deuteranomaly**  
4B543A

**Tritanomaly**  
2D5A51

# Monochromacy



**Original Color**  
255D38

**Achromatopsia**  
484848

**Achromatomaly**  
3B5042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 255D38 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 #255D38 looks like.

```
.text, #text, p{  
    color:#255D38  
}
```

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 #255D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255D38
}
```

## Border

The CSS property to change the border of an element to Hex 255D38 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
#255D38 }
```

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

```
.border{ border-color:#255D38 }
```

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

Here you see how a box with a 4 pixel #255D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255D38; -webkit-box-shadow:4px 4px  
4px 4px #255D38; box-shadow:4px 4px 4px  
4px #255D38 }
```

# Background

The CSS property to change the background color of an element to Hex 255D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255D38 }
```

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

```
.background{ background-color:#255D38 }
```

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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