

Converting Colors

Hex(257D38)

Have a look what the booklet for
Hex(257D38) contains.

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Color

Hex(257D38)

Conversions

Conversions Part 1

Format	Color
Hex	257D38
RGB	37, 125, 56
RGB Percent	15%, 49%, 22%
CMY	0.8549, 0.5098, 0.7804
CMYK	0.70, 0.00, 0.55, 0.51
HSL	133°, 54%, 32%
HSV	133°, 70%, 49%
XYZ	8.8104, 15.3461, 6.2391
YIQ	90.8220, -30.2990, -40.1150

Conversions

Conversions Part 2

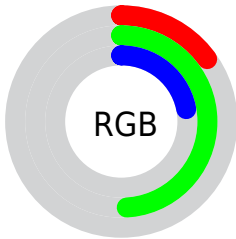
Format	Color
R_{YB}	37, 109, 125
Decimal	2456888
CIE _{Lab}	46.10, -41.41, 29.97
CIE _{LCh}	46, 51.116, 144.102
Yxy	15.3461, 0.2899, 0.5049
Android (android.graphics.Color)	4280646968 (0xFF257D38)
YUV	90.8220, -17.1672, -47.2019
Hunter-Lab	39.1741, -28.4094, 17.9789

Details

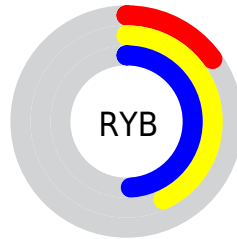
The Hex color **257D38** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D256A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5EB369**, and **004B08** is the 20% darker color. If you saturate the color by 10%, you get **187D2E**, and if you desaturate by 10%, it is **317D42**.

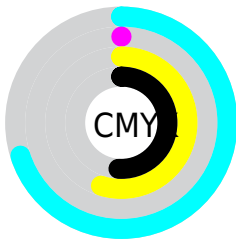
Distribution



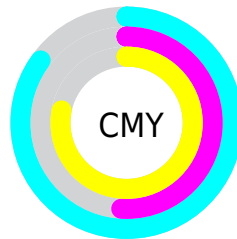
- Red (15%)
- Green (49%)
- Blue (22%)



- Red (15%)
- Yellow (43%)
- Blue (49%)



- Cyan (70%)
- Magenta (0%)
- Yellow (55%)
- Black (51%)



- Cyan (85%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257D38 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 257D38 by changing the saturation by 10% instead.

 257D38

 257D38

FFFFFF

 006321

 5EB369

 004B08

 7ACE82

 003300

 95EB9D

 001E00

 B1FFB8

 000000


 CEFFD4

 EBFFF0

 257D38

 257D38

 187D2E

 317D42

 0C7D24

 3E7D4C

 007D1B

 4A7D55

 577D5F

 637D69

 707D73

 7D7D7D

 897D86

 957D90

Harmonies

Analogous

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



617514



257D38



008163

Triad

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



257D38



0075C3



B9474D

Complementary

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



257D38



7D256A

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.



B54478



257D38



5D65BC

Square

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



257D38



007EB2



9952A0



A95727

Rectangle

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



257D38



008181



9952A0



BA445B

Sweetspot

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



257D38



81A388



6B7D25



3D5242



D1D1D1



525252

Same Dimension

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



257D38



1AA338



257D63



39403B



00801C



000000

Inverse Universe

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



7D256A



A31A86



7D253F



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 257D38 looks on a white background.

Color Contrast Check

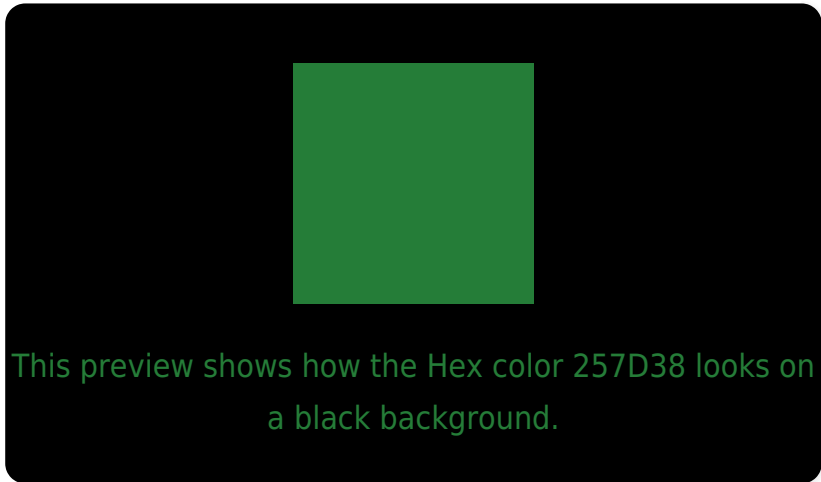
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 257D38 Background



This preview shows how black text looks on a background with the Hex color 257D38.



This preview shows how white text looks on a background with the Hex color 257D38.

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
257D38

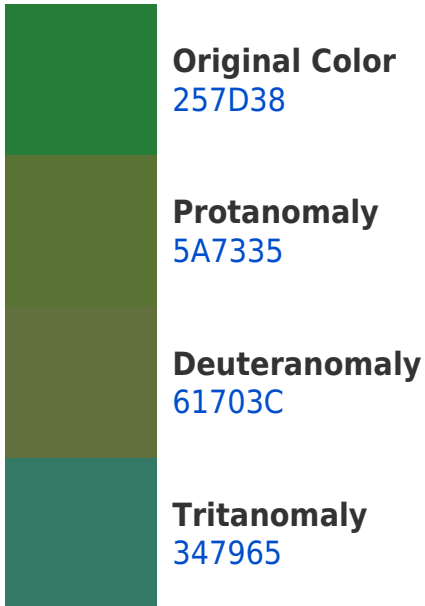
Protanopia
786D33

Deuteranopia
84683E



Tritanopia
3C767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 257D38 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 #257D38 looks like.

```
.text, #text, p{  
    color:#257D38  
}
```

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 #257D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257D38
}
```

Border

The CSS property to change the border of an element to Hex 257D38 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
#257D38 }
```

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

```
.border{ border-color:#257D38 }
```

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

Here you see how a box with a 4 pixel #257D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257D38; -webkit-box-shadow:4px 4px  
4px 4px #257D38; box-shadow:4px 4px 4px  
4px #257D38 }
```

Background

The CSS property to change the background color of an element to Hex 257D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257D38 }
```

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

```
.background{ background-color:#257D38 }
```

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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