

# Converting Colors

Hex(2C6350)

Have a look what the booklet for  
Hex(2C6350) contains.

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# Color

Hex(2C6350)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C6350
RGB	44, 99, 80
RGB Percent	17%, 39%, 31%
CMY	0.8275, 0.6118, 0.6863
CMYK	0.56, 0.00, 0.19, 0.61
HSL	159°, 38%, 28%
HSV	159°, 56%, 39%
XYZ	6.9485, 10.0383, 9.1608
YIQ	80.3890, -26.6810, -17.5690

# Conversions

## Conversions Part 2

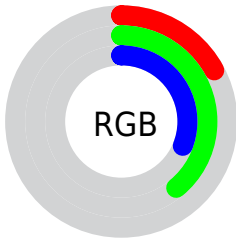
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 77, 99
Decimal	2909008
CIELab	37.91, -23.31, 5.31
CIELCh	38, 23.905, 167.158
Yxy	10.0383, 0.2657, 0.3839
Android (android.graphics.Color)	4281099088 (0xFF2C6350)
YUV	80.3890, -0.1918, -31.9132
Hunter-Lab	31.6833, -16.2988, 5.0355

# Details

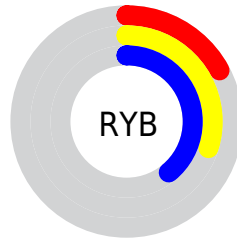
The Hex color **2C6350** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **632C3F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5E9681**, and **003424** is the 20% darker color. If you saturate the color by 10%, you get **22634D**, and if you desaturate by 10%, it is **366353**.

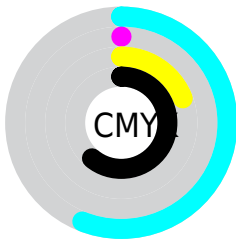
# Distribution



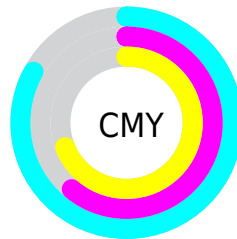
- Red (17%)
- Green (39%)
- Blue (31%)



- Red (17%)
- Yellow (30%)
- Blue (39%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (61%)



- Cyan (83%)
- Magenta (61%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C6350 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 2C6350 by changing the saturation by 10% instead.



 2C6350

 2C6350

FFFFFF

 114B39

 5E9681

 003424

 78B19B

 00200E

 93CDB6

 000000

 AEE9D2

 CAFFEE

 E7FFFF

 2C6350

 2C6350

 22634D

 366353

■ 186349

■ 406357

■ 0E6346

■ 4A635A

■ 046342

■ 54635E

■ 006341

■ 5E6361

■ 676365

■ 716368

■ 7B636B

■ 85636F

# Harmonies

## Analogous

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



45603E



2C6350



0E6464

# Triad

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



2C6350



4F577E



7A4F3E

# Complementary

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



2C6350



632C3F

# 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.



7F4A4F



2C6350



695074

# Square

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



2C6350



2E5E7F



7A4B62



6D5534

# Rectangle

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



2C6350



036370



7A4B62



7D4D43



# Sweetspot

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



2C6350



6A8078



3F632C



33403B



BFBFBF



404040



# Same Dimension

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



2C6350



2A8062



2C5B63



2C302F



007049



00F09D



# Inverse Universe

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



632C3F



802A48



63342C



302C2D



700027

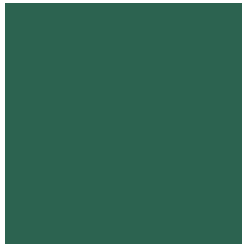


F00053



# Previews

## White Background



This preview shows how the Hex color 2C6350 looks on a white background.

## Color Contrast Check

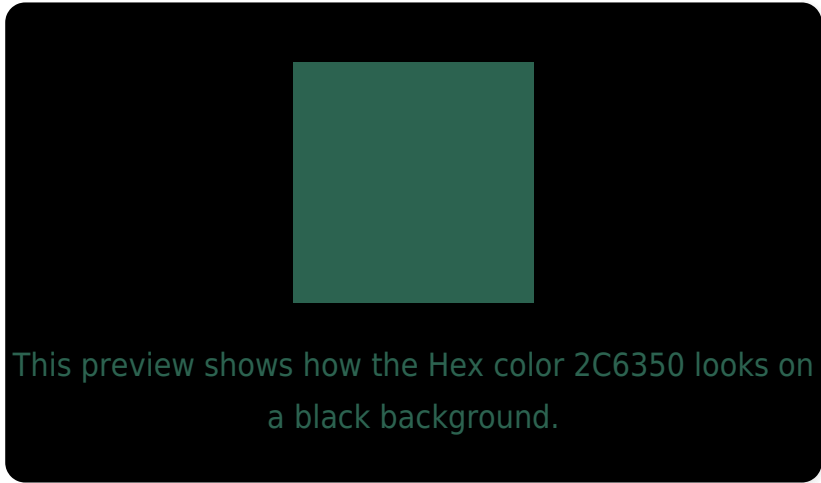
Large Text (above 18pt) WCAG AA ✓ Pass

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

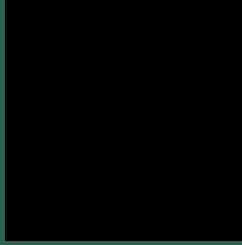
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C6350 Background



This preview shows how black text looks on a background with the Hex color 2C6350.



This preview shows how white text looks on a background with the Hex color 2C6350.

# 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**  
2C6350

**Protanopia**  
5E594B

**Deuteranopia**  
645653



**Tritanopia**  
346068

# Trichromacy



**Original Color**  
2C6350

**Protanomaly**  
4C5D4D

**Deuteranomaly**  
505B52

**Tritanomaly**  
31615F

# Monochromacy



**Original Color**  
2C6350

**Achromatopsia**  
505050

**Achromatomaly**  
435750

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C6350 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 #2C6350 looks like.

```
.text, #text, p{  
    color:#2C6350  
}
```

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 #2C6350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6350
}
```

## Border

The CSS property to change the border of an element to Hex 2C6350 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
#2C6350 }
```

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

```
.border{ border-color:#2C6350 }
```

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

Here you see how a box with a 4 pixel #2C6350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6350; -webkit-box-shadow:4px 4px  
4px 4px #2C6350; box-shadow:4px 4px 4px  
4px #2C6350 }
```

# Background

The CSS property to change the background color of an element to Hex 2C6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6350 }
```

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

```
.background{ background-color:#2C6350 }
```

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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