

# Converting Colors

Hex(2C945D)

Have a look what the booklet for  
Hex(2C945D) contains.

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# Color

Hex(2C945D)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C945D
RGB	44, 148, 93
RGB Percent	17%, 58%, 36%
CMY	0.8275, 0.4196, 0.6353
CMYK	0.70, 0.00, 0.37, 0.42
HSL	148°, 54%, 38%
HSV	148°, 70%, 58%
XYZ	13.6044, 22.5056, 13.9829
YIQ	110.6340, -44.3290, -39.1530

# Conversions

## Conversions Part 2

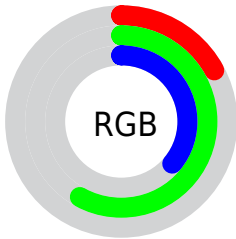
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 115, 148
Decimal	2921565
CIE <sub>Lab</sub>	54.56, -42.59, 20.75
CIE <sub>LCh</sub>	55, 47.374, 154.023
Yxy	22.5056, 0.2716, 0.4493
Android (android.graphics.Color)	4281111645 (0xFF2C945D)
YUV	110.6340, -8.6936, -58.4380
Hunter-Lab	47.4401, -31.8316, 15.7324

# Details

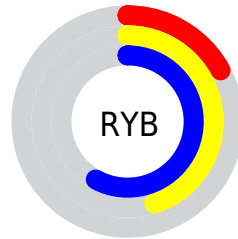
The Hex color **2C945D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **942C63**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **67CB90**, and **00602E** is the 20% darker color. If you saturate the color by 10%, you get **1D9455**, and if you desaturate by 10%, it is **3B9465**.

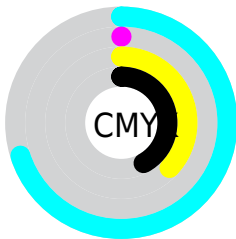
# Distribution



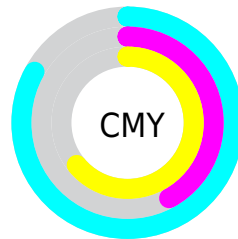
- Red (17%)
- Green (58%)
- Blue (36%)



- Red (17%)
- Yellow (45%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (37%)
- Black (42%)



- Cyan (83%)
- Magenta (42%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C945D 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 2C945D by changing the saturation by 10% instead.



 2C945D

 2C945D

FFFFFF

 007A45

 67CB90

 00602E

 83E7AA

 004718

 A0FFC6

 003000

 BCFFE2

 001900

 D9FFFF

 000000

 F7FFFF

 2C945D

 2C945D

 1D9455

 3B9465

■ 0E944D

■ 4A946D

■ 009446

■ 589474

■ 67947C

■ 769484

■ 85948C

■ 949494

■ A2949C

■ B194A3

# Harmonies

## Analogous

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



6A8D3B



2C945D



009787

# Triad

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



2C945D



3B85D4



CA6457

# Complementary

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



2C945D



942C63

# 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.



CD5E7F



2C945D



8C75C7

# Square

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



2C945D



0090CC



B965A7



B67338

# Rectangle

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



2C945D



0096A3



B965A7



CE6164



# Sweetspot

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



2C945D



97BFAA



63942C



496154



E0E0E0



616161



# Same Dimension

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



2C945D



1FBF6A



2C9491



434A46



008A41



000A05



# Inverse Universe

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



942C63



BF1F74



942C2F



4A4346



8A0049



0A0005



# Previews

## White Background



This preview shows how the Hex color 2C945D looks on a white background.

## Color Contrast Check

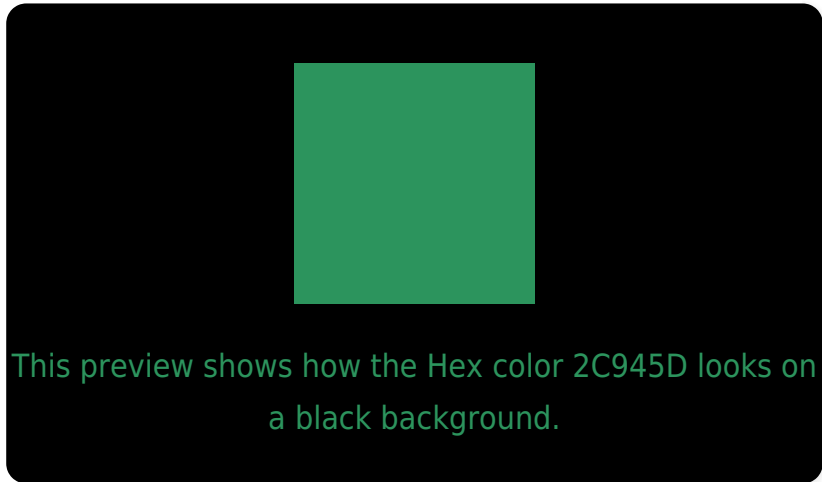
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 2C945D Background



This preview shows how black text looks on a background with the Hex color 2C945D.



This preview shows how white text looks on a background with the Hex color 2C945D.

# 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



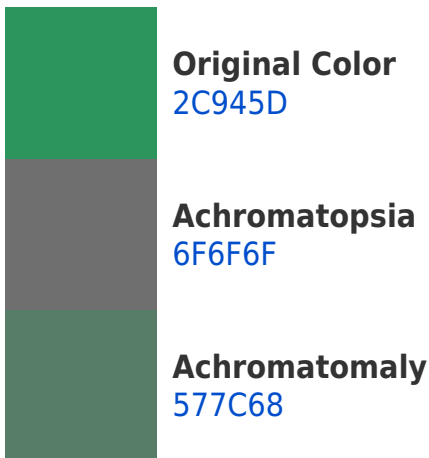


**Tritanopia**  
438D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C945D 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 #2C945D looks like.

```
.text, #text, p{  
    color:#2C945D  
}
```

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 #2C945D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C945D
}
```

## Border

The CSS property to change the border of an element to Hex 2C945D 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
#2C945D }
```

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

```
.border{ border-color:#2C945D }
```

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

Here you see how a box with a 4 pixel #2C945D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C945D; -webkit-box-shadow:4px 4px  
4px 4px #2C945D; box-shadow:4px 4px 4px  
4px #2C945D }
```

# Background

The CSS property to change the background color of an element to Hex 2C945D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C945D }
```

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

```
.background{ background-color:#2C945D }
```

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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