

Converting Colors

Hex(2C915D)

Have a look what the booklet for
Hex(2C915D) contains.

Hex(2C915D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C915D)

Conversions

Conversions Part 1

Format	Color
Hex	2C915D
RGB	44, 145, 93
RGB Percent	17%, 57%, 36%
CMY	0.8275, 0.4314, 0.6353
CMYK	0.70, 0.00, 0.36, 0.43
HSL	149°, 53%, 37%
HSV	149°, 70%, 57%
XYZ	13.1399, 21.5766, 13.8281
YIQ	108.8730, -43.5040, -37.5840

Conversions

Conversions Part 2

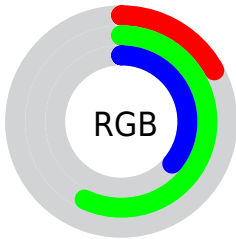
Format	Color
RYB	44, 112, 145
Decimal	2920797
CIELab	53.57, -41.36, 19.43
CIELCh	54, 45.691, 154.839
Yxy	21.5766, 0.2707, 0.4445
Android (android.graphics.Color)	4281110877 (0xFF2C915D)
YUV	108.8730, -7.8254, -56.8936
Hunter-Lab	46.4506, -30.7947, 14.8651

Details

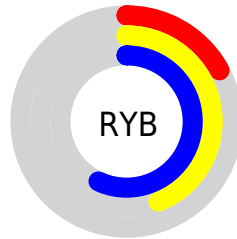
The Hex color **2C915D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **912C60**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **67C890**, and **005D2E** is the 20% darker color. If you saturate the color by 10%, you get **1E9156**, and if you desaturate by 10%, it is **3B9164**.

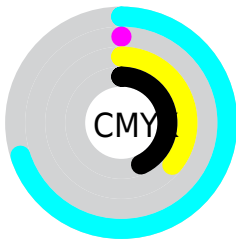
Distribution



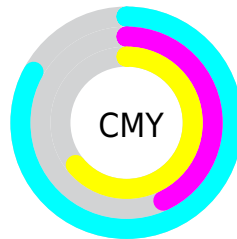
- Red (17%)
- Green (57%)
- Blue (36%)



- Red (17%)
- Yellow (44%)
- Blue (57%)



- Cyan (70%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)



- Cyan (83%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C915D 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 2C915D by changing the saturation by 10% instead.

 2C915D

 2C915D

FFFFFF

 007745

 67C890

 005D2E

 83E4AA

 004519

 9FFFC6

 002E00

 BBFFE2

 001500

 D8FFE

 000000

 F6FFFF

 2C915D

 2C915D

 1E9156

 3B9164

■ 0F914E

■ 49916C

■ 019147

■ 589173

■ 009146

■ 66917B

■ 759182

■ 83918A

■ 929191

■ A09199

■ AF91A0

Harmonies

Analogous

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



678B3C



2C915D



009485

Triad

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



2C915D



4082CE



C56455

Complementary

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



2C915D



912C60

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.



C85D7B



2C915D



8B73C1

Square

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



2C915D



008DC7



B564A2



B17238

Rectangle

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



2C915D



0093A0



B564A2



C86061

Sweetspot

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



2C915D



95BDA8



60912C



475E52



DEDEDE



5E5E5E

Same Dimension

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



2C915D



1EBD6B



2C918F



404744



008742



000804

Inverse Universe

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



912C60



BD1E70



912C2E



474044



870046



080004

Previews

White Background



This preview shows how the Hex color 2C915D 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 2C915D Background



This preview shows how black text looks on a background with the Hex color 2C915D.



This preview shows how white text looks on a background with the Hex color 2C915D.

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
2C915D

Protanopia
8A7F55

Deuteranopia
957A62



Tritanopia
418A95

Trichromacy



Original Color
2C915D



Protanomaly
688658



Deuteranomaly
6F8260



Tritanomaly
398D81

Monochromacy



Original Color
2C915D



Achromatopsia
6D6D6D



Achromatomaly
557A67

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C915D 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 #2C915D looks like.

```
.text, #text, p{  
    color:#2C915D  
}
```

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 #2C915D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C915D
}
```

Border

The CSS property to change the border of an element to Hex 2C915D 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
#2C915D }
```

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

```
.border{ border-color:#2C915D }
```

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

Here you see how a box with a 4 pixel #2C915D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C915D; -webkit-box-shadow:4px 4px  
4px 4px #2C915D; box-shadow:4px 4px 4px  
4px #2C915D }
```

Background

The CSS property to change the background color of an element to Hex 2C915D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C915D }
```

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

```
.background{ background-color:#2C915D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor