

Converting Colors

Hex(2C945A)

Have a look what the booklet for
Hex(2C945A) contains.

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Color

Hex(2C945A)

Conversions

Conversions Part 1

Format	Color
Hex	2C945A
RGB	44, 148, 90
RGB Percent	17%, 58%, 35%
CMY	0.8275, 0.4196, 0.6471
CMYK	0.70, 0.00, 0.39, 0.42
HSL	147°, 54%, 38%
HSV	147°, 70%, 58%
XYZ	13.4741, 22.4535, 13.2967
YIQ	110.2920, -43.3660, -40.0860

Conversions

Conversions Part 2

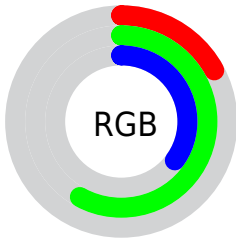
Format	Color
R_{YB}	44, 116, 148
Decimal	2921562
CIE _{Lab}	54.50, -43.19, 22.33
CIE _{LCh}	55, 48.624, 152.656
Y _{xy}	22.4535, 0.2737, 0.4561
Android (android.graphics.Color)	4281111642 (0xFF2C945A)
YUV	110.2920, -10.0040, -58.1381
Hunter-Lab	47.3851, -32.1670, 16.5323

Details

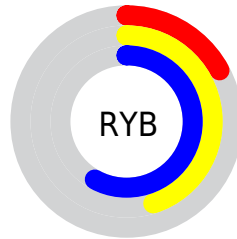
The Hex color **2C945A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **942C66**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **67CB8D**, and **00602B** is the 20% darker color. If you saturate the color by 10%, you get **1D9452**, and if you desaturate by 10%, it is **3B9462**.

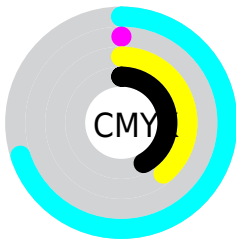
Distribution



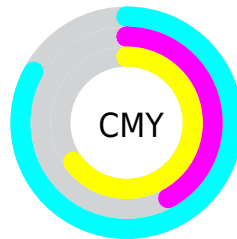
- Red (17%)
- Green (58%)
- Blue (35%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)



- Cyan (83%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C945A 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 2C945A by changing the saturation by 10% instead.



2C945A



2C945A

FFFFFF



007A42



67CB8D



00602B



83E7A7



004715



A0FFC2



003000



BCFFDF



001800



D9FFFB



000000



F7FFFF



2C945A



2C945A



1D9452



3B9462

 0E9449

 4A946B

 009441

 589473

 67947B

 769483

 85948C

 949494

 A2949C

 B194A4

Harmonies

Analogous

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



6B8D37



2C945A



009785

Triad

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



2C945A



2E86D6



CC6357

Complementary

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



2C945A



942C66

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.



CE5C80



2C945A



8976C9

Square

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



2C945A



0091CC



B965AA



B87237

Rectangle

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



2C945A



0097A1



B965AA



CF5F64

Sweetspot

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



2C945A



97BFA9



67942C



496153



E0E0E0



616161

Same Dimension

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



2C945A



1FBF66



2C948D



434A46



008A3D



000A05

Inverse Universe

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



942C66



BF1F78



942C33



4A4347



8A004D



0A0006

Previews

White Background



This preview shows how the Hex color 2C945A looks on a white background.

Color Contrast Check

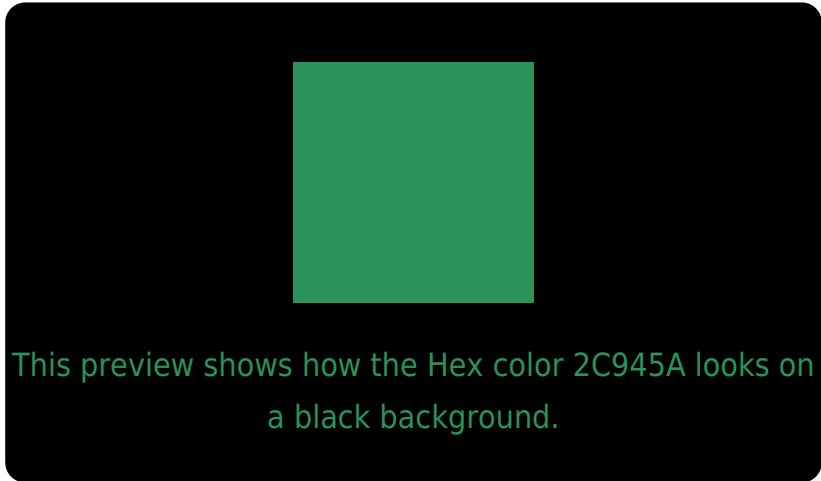
Large Text (above 18pt) WCAG AA ✓ Pass

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

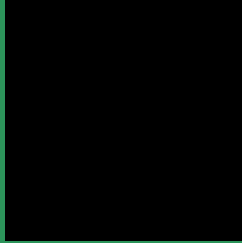
Any Text WCAG AA ✓ Pass

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 2C945A Background



This preview shows how black text looks on a background with the Hex color 2C945A.



This preview shows how white text looks on a background with the Hex color 2C945A.

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
2C945A

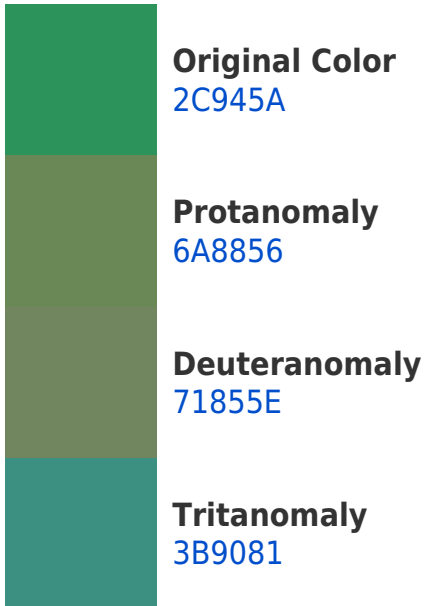
Protanopia
8D8153

Deuteranopia
997C60

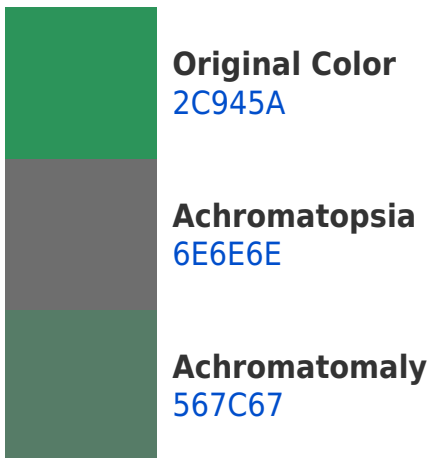


Tritanopia
438D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C945A 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 #2C945A looks like.

```
.text, #text, p{  
    color:#2C945A  
}
```

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 #2C945A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C945A
}
```

Border

The CSS property to change the border of an element to Hex 2C945A 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
#2C945A }
```

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

```
.border{ border-color:#2C945A }
```

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

Here you see how a box with a 4 pixel #2C945A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C945A; -webkit-box-shadow:4px 4px  
4px 4px #2C945A; box-shadow:4px 4px 4px  
4px #2C945A }
```

Background

The CSS property to change the background color of an element to Hex 2C945A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C945A }
```

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

```
.background{ background-color:#2C945A }
```

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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