

Converting Colors

Hex(29945E)

Have a look what the booklet for
Hex(29945E) contains.

Hex(29945E)	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(29945E)

Conversions

Conversions Part 1

Format	Color
Hex	29945E
RGB	41, 148, 94
RGB Percent	16%, 58%, 37%
CMY	0.8392, 0.4196, 0.6314
CMYK	0.72, 0.00, 0.36, 0.42
HSL	150°, 57%, 37%
HSV	150°, 72%, 58%
XYZ	13.5247, 22.4594, 14.2119
YIQ	109.8510, -46.4380, -39.4780

Conversions

Conversions Part 2

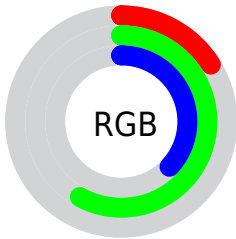
Format	Color
R_{YB}	41, 113, 148
Decimal	2724958
CIE _{Lab}	54.51, -42.89, 20.12
CIE _{LCh}	55, 47.375, 154.870
Yxy	22.4594, 0.2694, 0.4474
Android (android.graphics.Color)	4280915038 (0xFF29945E)
YUV	109.8510, -7.8145, -60.3823
Hunter-Lab	47.3913, -31.9937, 15.3938

Details

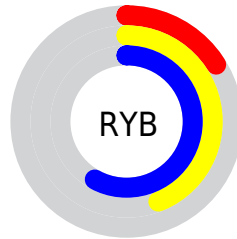
The Hex color **29945E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **94295F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65CB91**, and **00602F** is the 20% darker color. If you saturate the color by 10%, you get **1A9457**, and if you desaturate by 10%, it is **389465**.

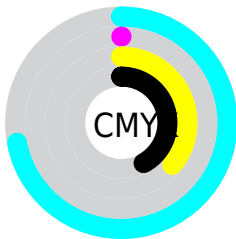
Distribution



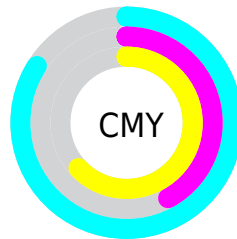
- Red (16%)
- Green (58%)
- Blue (37%)



- Red (16%)
- Yellow (44%)
- Blue (58%)



- Cyan (72%)
- Magenta (0%)
- Yellow (36%)
- Black (42%)



- Cyan (84%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29945E 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 29945E by changing the saturation by 10% instead.



29945E



29945E

FFFFFF



007A46



65CB91



00602F



82E7AB



004719



9EFFC7



003001



BBFFE3



001800



D8FFFF



000000



F5FFFF



29945E



29945E



1A9457



389465

■ 0B944F

■ 47946D

■ 009449

■ 559474

■ 64947C

■ 739483

■ 82948B

■ 919492

■ 9F949A

■ AE94A1

Harmonies

Analogous

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



688D3C



29945E



009788

Triad

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



29945E



3E85D4



CA6556

Complementary

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



29945E



94295F

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.



CD5E7D



29945E



8D75C6

Square

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



29945E



0090CC



BA65A6



B57437

Rectangle

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



29945E



0096A4



BA65A6



CD6162

Sweetspot

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



29945E



95BFAA



609429



486154



E0E0E0



616161

Same Dimension

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



29945E



19BF6B



299492



434A46



008A44



000A05

Inverse Universe

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



94295F



BF196D



94292B



4A4346



8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 29945E looks on a white background.

Color Contrast Check

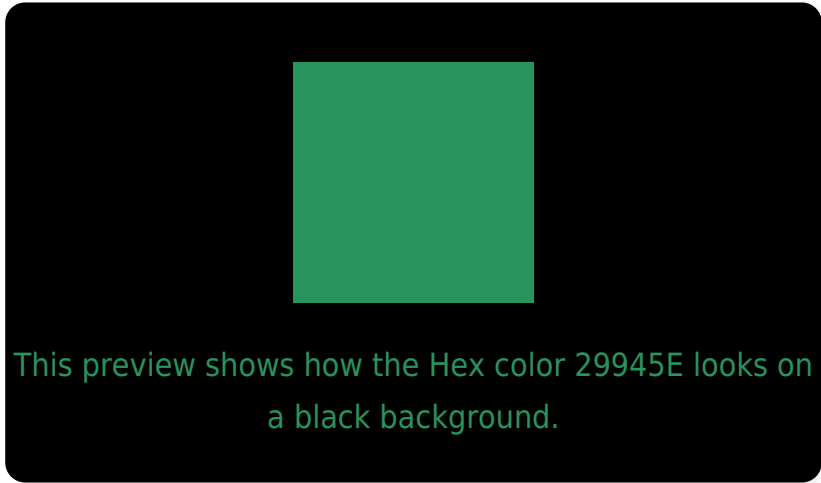
Large Text (above 18pt) WCAG AA ✓ Pass

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 29945E Background



This preview shows how black text looks on a background with the Hex color 29945E.



This preview shows how white text looks on a background with the Hex color 29945E.

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



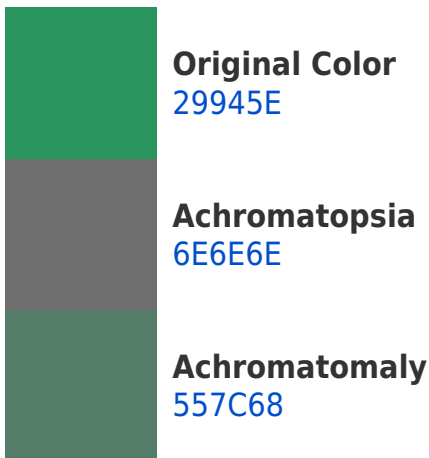


Tritanopia
418D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29945E 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 #29945E looks like.

```
.text, #text, p{  
    color:#29945E  
}
```

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 #29945E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29945E
}
```

Border

The CSS property to change the border of an element to Hex 29945E 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
#29945E }
```

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

```
.border{ border-color:#29945E }
```

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

Here you see how a box with a 4 pixel #29945E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29945E; -webkit-box-shadow:4px 4px  
4px 4px #29945E; box-shadow:4px 4px 4px  
4px #29945E }
```

Background

The CSS property to change the background color of an element to Hex 29945E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29945E }
```

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

```
.background{ background-color:#29945E }
```

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