

# Converting Colors

Hex(E2955A)

Have a look what the booklet for  
Hex(E2955A) contains.

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**Color**

**Hex(E2955A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2955A
RGB	226, 149, 90
RGB Percent	89%, 58%, 35%
CMY	0.1137, 0.4157, 0.6471
CMYK	0.00, 0.34, 0.60, 0.11
HSL	26°, 70%, 62%
HSV	26°, 60%, 89%
XYZ	43.9569, 38.4018, 14.7684
YIQ	165.2970, 64.8310, -2.0250

# Conversions

## Conversions Part 2

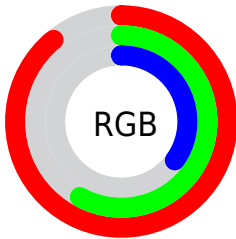
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 194, 90
Decimal	14849370
CIE Lab	68.32, 23.23, 42.61
CIE LCh	68, 48.535, 61.400
Yxy	38.4018, 0.4526, 0.3954
Android (android.graphics.Color)	4293039450 (0xFFE2955A)
YUV	165.2970, -37.1214, 53.2365
Hunter-Lab	61.9692, 18.1702, 29.2486

# Details

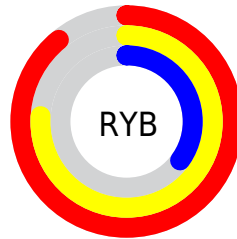
The Hex color **E2955A** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5AA7E2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCB8D**, and **A76229** is the 20% darker color. If you saturate the color by 10%, you get **E28843**, and if you desaturate by 10%, it is **E2A271**.

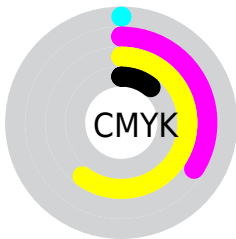
# Distribution



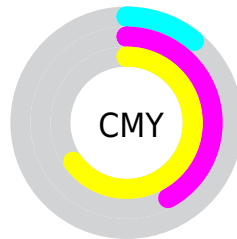
- Red (89%)
- Green (58%)
- Blue (35%)



- Red (89%)
- Yellow (76%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (60%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2955A 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 E2955A by changing the saturation by 10% instead.



 E2955A

 E2955A

FFFFFF

 C47B41

 FFCB8D

 A76229

 FFE8A8

 8A4A11

 FFFFC4

 6E3200

 FFFFEO

 521C00

FFFFFFD

 370600

 1E0001

 000000

 E2955A

 E2955A

 E28843

 E2A271

 E27B2D

 E2AF87

 E26F16

 E2BB9E

 E26200

 E2C8B4

 E2D5CB

 E2E2E2

 E2EFF8

 E2FBFF

 E2FFFF

# Harmonies

## Analogous

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



F7877B



E2955A



BFA54C

# Triad

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



E2955A



00BDA7



AC9AF2

# Complementary

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



E2955A



5AA7E2

# 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.



5DAAFE



E2955A



00BCD3

# Square

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



E2955A



59B97B



00B6F3



DE8AD1

# Rectangle

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



E2955A



A2AE52



00B6F3



96A0F8

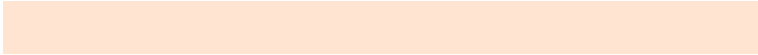


# Sweetspot

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



E2955A



FFE5D1



E25AA7



807063



000000



808080



# Same Dimension

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



E2955A



FF9747



E2D95A



706A65



B04C00



301500



# Inverse Universe

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



5AA7E2



47AFFF



5A63E2



656B70



0064B0

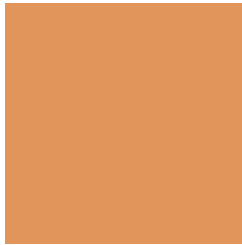


001B30



# Previews

## White Background



This preview shows how the Hex color E2955A looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

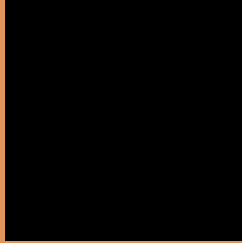
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2955A Background



This preview shows how black text looks on a background with the Hex color E2955A.

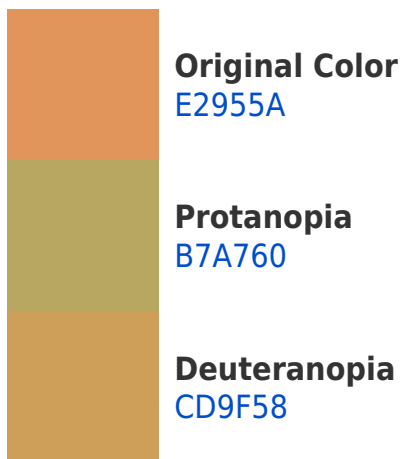


This preview shows how white text looks on a background with the Hex color E2955A.

# 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](#).

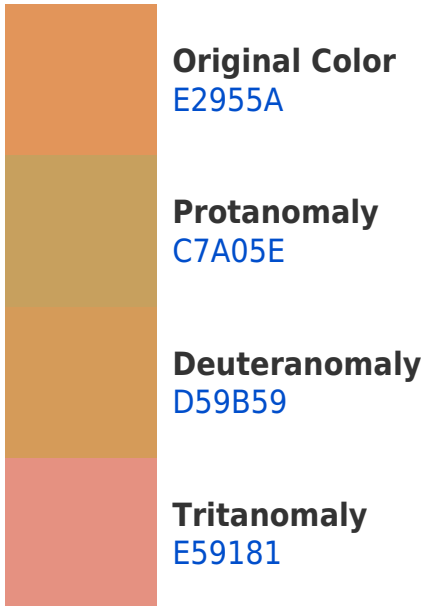
## Dichromacy





**Tritanopia**  
E68E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2955A 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 #E2955A looks like.

```
.text, #text, p{  
    color:#E2955A  
}
```

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 #E2955A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2955A
}
```

## Border

The CSS property to change the border of an element to Hex E2955A 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
#E2955A }
```

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

```
.border{ border-color:#E2955A }
```

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

Here you see how a box with a 4 pixel #E2955A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2955A; -webkit-box-shadow:4px 4px  
4px 4px #E2955A; box-shadow:4px 4px 4px  
4px #E2955A }
```

# Background

The CSS property to change the background color of an element to Hex E2955A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2955A }
```

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

```
.background{ background-color:#E2955A }
```

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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