

# Converting Colors

Hex(2EA155)

Have a look what the booklet for  
Hex(2EA155) contains.

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# Color

Hex(2EA155)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA155
RGB	46, 161, 85
RGB Percent	18%, 63%, 33%
CMY	0.8196, 0.3686, 0.6667
CMYK	0.71, 0.00, 0.47, 0.37
HSL	140°, 56%, 41%
HSV	140°, 71%, 63%
XYZ	15.5113, 26.7265, 12.9355
YIQ	117.9510, -44.1440, -48.0160

# Conversions

## Conversions Part 2

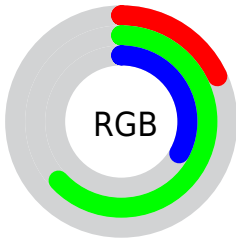
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 132, 161
Decimal	3055957
CIELab	58.72, -48.83, 30.51
CIElCh	59, 57.580, 148.004
Yxy	26.7265, 0.2811, 0.4844
Android (android.graphics.Color)	4281246037 (0xFF2EA155)
YUV	117.9510, -16.2448, -63.1010
Hunter-Lab	51.6976, -36.9140, 21.3531

# Details

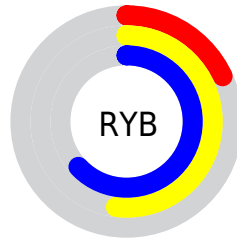
The Hex color **2EA155** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A12E7A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6BD988**, and **006C25** is the 20% darker color. If you saturate the color by 10%, you get **1EA14A**, and if you desaturate by 10%, it is **3EA160**.

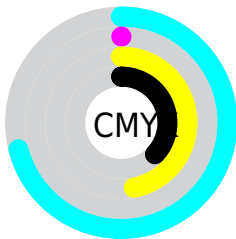
# Distribution



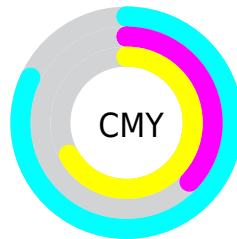
- Red (18%)
- Green (63%)
- Blue (33%)



- Red (18%)
- Yellow (52%)
- Blue (63%)



- Cyan (71%)
- Magenta (0%)
- Yellow (47%)
- Black (37%)



- Cyan (82%)
- Magenta (37%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EA155 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 2EA155 by changing the saturation by 10% instead.





2EA155



2EA155

FFFFFF



00863D



6BD988



006C25



88F6A2



00530D



A5FFBE



003A00



C2FFDA



002500



E0FFF6



000000

FDFFFF



2EA155



2EA155



1EA14A



3EA160

■ 0EA140

■ 4EA16A

■ 00A137

■ 5EA175

■ 6EA180

■ 7FA18A

■ 8FA195

■ 9FA19F

■ AFA1AA

■ BFA1B5

# Harmonies

## Analogous

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



79982B



2EA155



00A588

# Triad

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



2EA155



0094F2



E76361

# Complementary

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



2EA155



A12E7A

# 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.



E55E93



2EA155



8781E7

# Square

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



2EA155



00A0E2



C76BC4



D17637

# Rectangle

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



2EA155



00A5AB



C76BC4



E95F71



# Sweetspot

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



2EA155



A5D1B4



7BA12E



4E6957



E8E8E8



696969



# Same Dimension

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



2EA155



1DD15A



2EA18E



49524C



009131



001206



# Inverse Universe

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



A12E7A



D11D94



A12E41



52494F



910060



12000C



# Previews

## White Background



This preview shows how the Hex color 2EA155 looks on a white background.

## Color Contrast Check

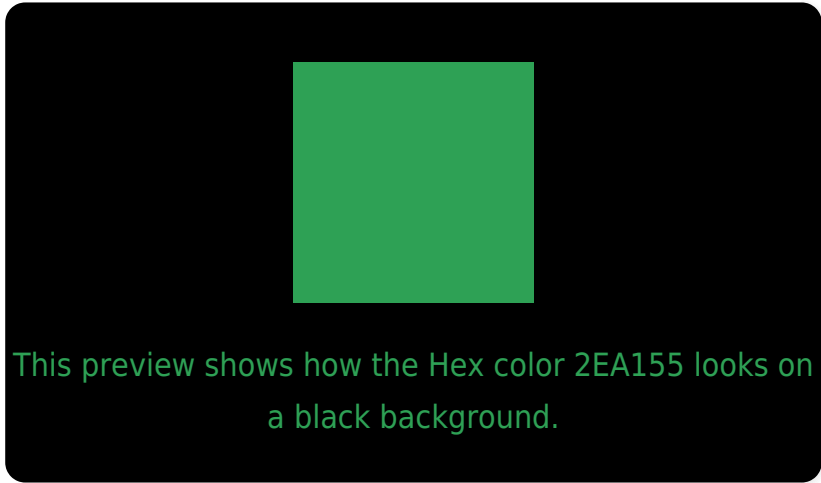
Large Text (above 18pt) WCAG AA ✓ Pass

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

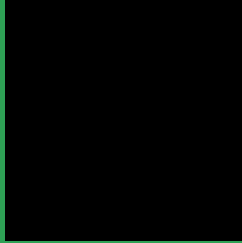
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2EA155 Background



This preview shows how black text looks on a background with the Hex color 2EA155.

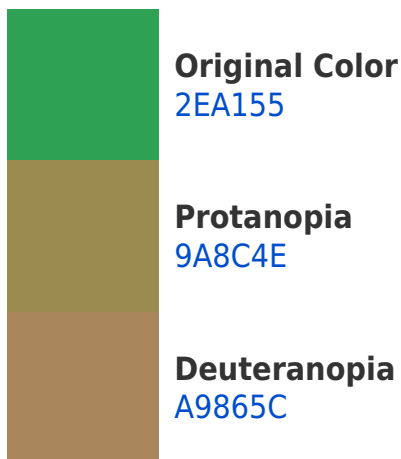


This preview shows how white text looks on a background with the Hex color 2EA155.

# 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**  
4A98A4

# Trichromacy



**Original Color**  
2EA155



**Protanomaly**  
739451



**Deuteranomaly**  
7C9059



**Tritanomaly**  
409B87

# Monochromacy



**Original Color**  
2EA155



**Achromatopsia**  
767676



**Achromatomaly**  
5C866A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EA155 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 #2EA155 looks like.

```
.text, #text, p{  
    color:#2EA155  
}
```

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 #2EA155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA155
}
```

## Border

The CSS property to change the border of an element to Hex 2EA155 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
#2EA155 }
```

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

```
.border{ border-color:#2EA155 }
```

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

Here you see how a box with a 4 pixel #2EA155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA155; -webkit-box-shadow:4px 4px  
4px 4px #2EA155; box-shadow:4px 4px 4px  
4px #2EA155 }
```

# Background

The CSS property to change the background color of an element to Hex 2EA155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA155 }
```

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

```
.background{ background-color:#2EA155 }
```

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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