

# Converting Colors

Hex(2E9154)

Have a look what the booklet for  
Hex(2E9154) contains.

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# Color

Hex(2E9154)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E9154
RGB	46, 145, 84
RGB Percent	18%, 57%, 33%
CMY	0.8196, 0.4314, 0.6706
CMYK	0.68, 0.00, 0.42, 0.43
HSL	143°, 52%, 37%
HSV	143°, 68%, 57%
XYZ	12.8523, 21.4717, 11.8546
YIQ	108.4450, -39.4230, -39.9590

# Conversions

## Conversions Part 2

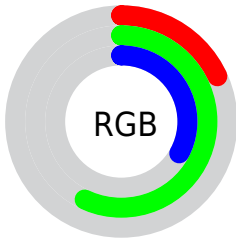
Format	Color
<a href="#">RYB</a>	<a href="#">46, 118, 145</a>
Decimal	<a href="#">3051860</a>
CIELab	<a href="#">53.46, -42.77, 24.26</a>
CIELCh	<a href="#">53, 49.171, 150.435</a>
Yxy	<a href="#">21.4717, 0.2783, 0.4650</a>
Android (android.graphics.Color)	<a href="#">4281241940 (0xFF2E9154)</a>
YUV	<a href="#">108.4450, -12.0514, -54.7643</a>
Hunter-Lab	<a href="#">46.3376, -31.5815, 17.2681</a>

# Details

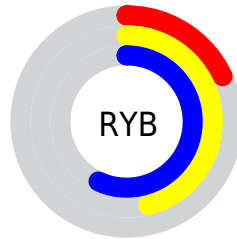
The Hex color **2E9154** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **912E6B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **68C886**, and **005D26** is the 20% darker color. If you saturate the color by 10%, you get **20914B**, and if you desaturate by 10%, it is **3D915D**.

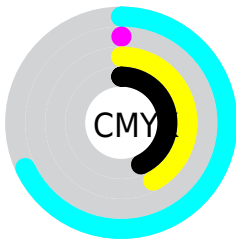
# Distribution



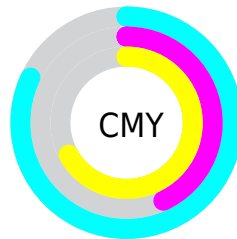
- Red (18%)
- Green (57%)
- Blue (33%)



- Red (18%)
- Yellow (46%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (42%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E9154 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 2E9154 by changing the saturation by 10% instead.



 2E9154

 2E9154

FFFFFF

 01773C

 68C886

 005D26

 84E4A1

 00450F

 A0FFBC

 002E00

 BDFFD8

 001400

 DAFFF4

 000000

 F7FFFF

 2E9154

 2E9154

 20914B

 3D915D

■ 119142

■ 4B9166

■ 039139

■ 5A916F

■ 009138

■ 689178

■ 779181

■ 85918A

■ 949193

■ A2919B

■ B191A4

# Harmonies

## Analogous

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



6B8A32



2E9154



00947F

# Triad

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



2E9154



1384D4



CB5F57

# Complementary

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



2E9154



912E6B

# 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.



CB5981



2E9154



8174C9

# Square

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



2E9154



008FC9



B463AA



B76E35

# Rectangle

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



2E9154



00949C



B463AA



CD5B65



# Sweetspot

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



2E9154



97BDA5



6B912E



485E50



DEDEDE



5E5E5E



# Same Dimension

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



2E9154



22BD5D



2E9185



404743



008734



000803



# Inverse Universe

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



912E6B



BD2281



912E3A



474045



870053



080005



# Previews

## White Background



This preview shows how the Hex color 2E9154 looks on a white background.

## Color Contrast Check

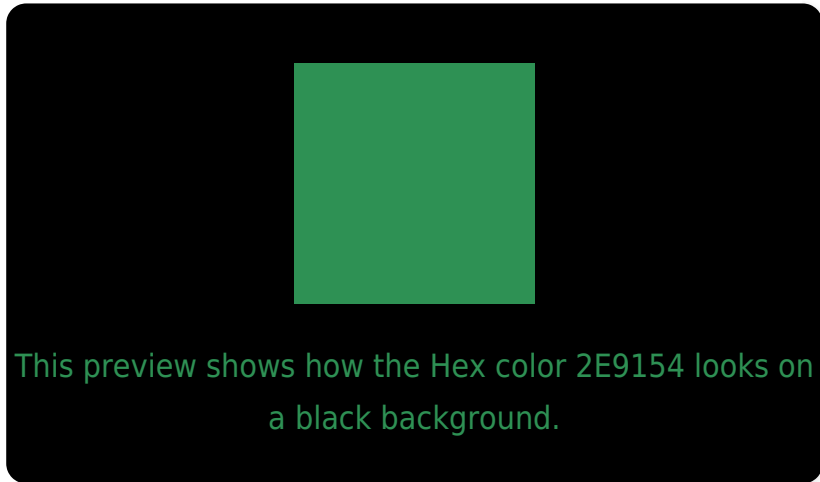
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E9154 Background



This preview shows how black text looks on a background with the Hex color 2E9154.



This preview shows how white text looks on a background with the Hex color 2E9154.

# 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**  
2E9154

**Protanopia**  
8B7F4D

**Deuteranopia**  
97795A



**Tritanopia**  
448995

# Trichromacy



**Original Color**  
2E9154



**Protanomaly**  
698650



**Deuteranomaly**  
718258



**Tritanomaly**  
3C8C7D

# Monochromacy



**Original Color**  
2E9154



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
557963

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E9154 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 #2E9154 looks like.

```
.text, #text, p{  
    color:#2E9154  
}
```

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 #2E9154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9154  
}
```

## Border

The CSS property to change the border of an element to Hex 2E9154 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  
#2E9154 }
```

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

```
.border{ border-color:#2E9154 }
```

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

Here you see how a box with a 4 pixel #2E9154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9154; -webkit-box-shadow:4px 4px  
4px 4px #2E9154; box-shadow:4px 4px 4px  
4px #2E9154 }
```

# Background

The CSS property to change the background color of an element to Hex 2E9154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9154 }
```

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

```
.background{ background-color:#2E9154 }
```

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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