

# Converting Colors

Hex(E11951)

Have a look what the booklet for  
Hex(E11951) contains.

<b>Hex(E11951)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E11951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E11951
RGB	225, 25, 81
RGB Percent	88%, 10%, 32%
CMY	0.1176, 0.9020, 0.6824
CMYK	0.00, 0.89, 0.64, 0.12
HSL	343°, 80%, 49%
HSV	343°, 89%, 88%
XYZ	32.8842, 17.2969, 9.3900
YIQ	91.1840, 101.2240, 59.8160

# Conversions

## Conversions Part 2

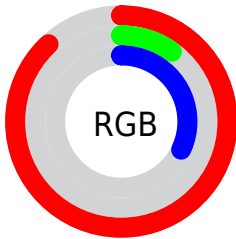
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 25, 81
Decimal	14752081
CIE <sub>Lab</sub>	48.63, 72.42, 23.07
CIE <sub>LCh</sub>	49, 76.010, 17.671
Yxy	17.2969, 0.5520, 0.2904
Android (android.graphics.Color)	4292942161 (0xFFE11951)
YUV	91.1840, -5.0207, 117.3566
Hunter-Lab	41.5895, 68.3554, 15.7263

# Details

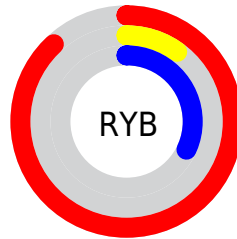
The Hex color **E11951** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **19E1A9**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6282**, and **A20025** is the 20% darker color. If you saturate the color by 10%, you get **E10241**, and if you desaturate by 10%, it is **E12F61**.

# Distribution



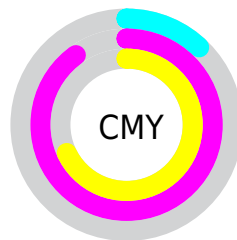
- Red (88%)
- Green (10%)
- Blue (32%)



- Red (88%)
- Yellow (10%)
- Blue (32%)



- Cyan (0%)
- Magenta (89%)
- Yellow (64%)
- Black (12%)



- Cyan (12%)
- Magenta (90%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E11951 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 E11951 by changing the saturation by 10% instead.



 E11951

 E11951

FFFFFF

 C1003A

 FF6282

 A20025

 FF809C

 820012

 FF9EB7

 630002

 FFBCD2


 460003

 FFD9EE

 250001

 FFF8FF

 000000

 E11951

 E11951

 E10241

 E12F61

 E1003F

 E14671

 E15C82

 E17392

 E189A2

 E1A0B2

 E1B6C2

 E1CDD3

 E1E3E3

# Harmonies

## Analogous

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



D61D91



E11951



CC460D

# Triad

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



E11951



008803



0083F3

# Complementary

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



E11951



19E1A9

# 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.



008DD2



E11951



008D56

# Square

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



E11951



697C00



008F99



006EF0

# Rectangle

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



E11951



B25E00



008F99



0087EC



# Sweetspot

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



E11951



FFBACD



A819E1



805762



000000



808080



# Same Dimension

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



E11951



FF0047



E14419



706568



B00031



30000E



# Inverse Universe

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



E11951



FF0047



19B6E1



706568



B00031



30000E



# Previews

## White Background



This preview shows how the Hex color E11951 looks on a white background.

## Color Contrast Check

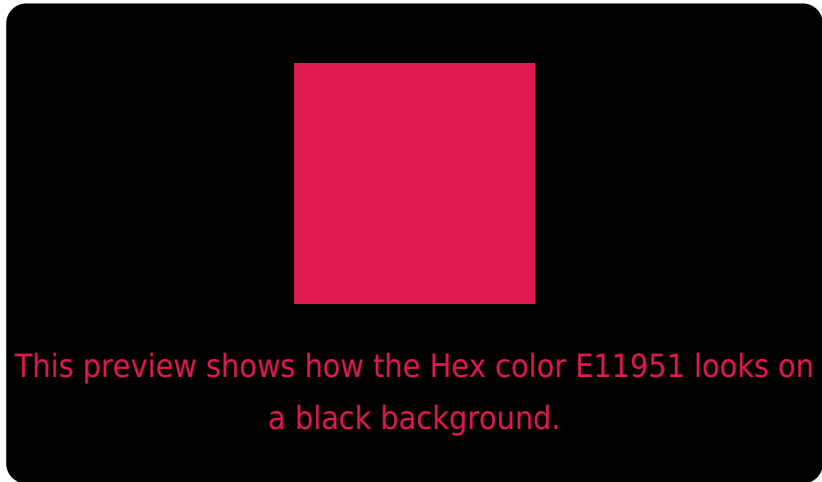
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex E11951 Background



This preview shows how black text looks on a background with the Hex color E11951.

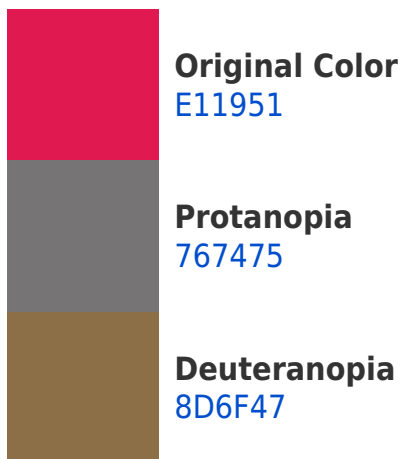


This preview shows how white text looks on a background with the Hex color E11951.

# Color Blindness Simulation

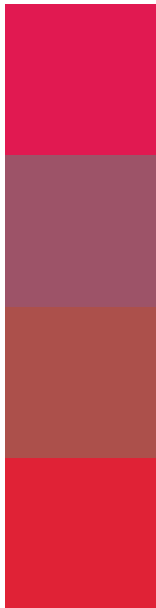
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



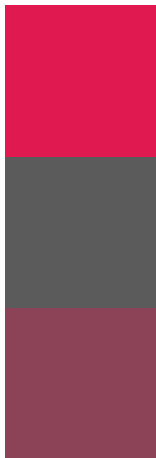
**Original Color**  
E11951

**Protanomaly**  
9D5368

**Deuteranomaly**  
AC504B

**Tritanomaly**  
E02236

# Monochromacy



**Original Color**  
E11951

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
8C4357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E11951 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 #E11951 looks like.

```
.text, #text, p{  
    color:#E11951  
}
```

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 #E11951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E11951
}
```

## Border

The CSS property to change the border of an element to Hex E11951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

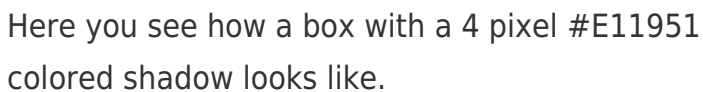
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E11951 }
```

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

```
.border{ border-color:#E11951 }
```

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



Here you see how a box with a 4 pixel #E11951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E11951; -webkit-box-shadow:4px 4px  
4px 4px #E11951; box-shadow:4px 4px 4px  
4px #E11951 }
```

# Background

The CSS property to change the background color of an element to Hex E11951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E11951 }
```

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

```
.background{ background-color:#E11951 }
```

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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