

# Converting Colors

Hex(E41B52)

Have a look what the booklet for  
Hex(E41B52) contains.

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# Color

**Hex(E41B52)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E41B52
RGB	228, 27, 82
RGB Percent	89%, 11%, 32%
CMY	0.1059, 0.8941, 0.6784
CMYK	0.00, 0.88, 0.64, 0.11
HSL	344°, 79%, 50%
HSV	344°, 88%, 89%
XYZ	33.9098, 17.8870, 9.6479
YIQ	93.3690, 102.1410, 59.7170

# Conversions

## Conversions Part 2

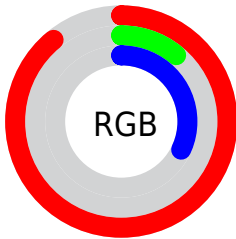
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	228, 27, 82
Decimal	14949202
CIELab	49.36, 72.90, 23.52
CIELCh	49, 76.604, 17.884
Yxy	17.8870, 0.5519, 0.2911
Android (android.graphics.Color)	4293139282 (0xFFE41B52)
YUV	93.3690, -5.6049, 118.0714
Hunter-Lab	42.2931, 69.1052, 16.0799

# Details

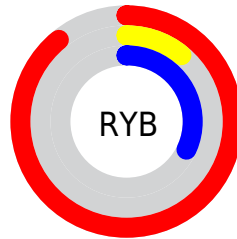
The Hex color **E41B52** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **1BE4AD**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6483**, and **A40026** is the 20% darker color. If you saturate the color by 10%, you get **E40441**, and if you desaturate by 10%, it is **E43263**.

# Distribution



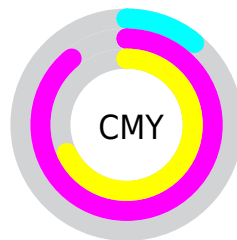
- Red (89%)
- Green (11%)
- Blue (32%)



- Red (89%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (88%)
- Yellow (64%)
- Black (11%)



- Cyan (11%)
- Magenta (89%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E41B52 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 E41B52 by changing the saturation by 10% instead.



 E41B52

 E41B52

FFFFFF

 C4003B

 FF6483

 A40026

 FF829D

 850013

 FFA0B8

 660001

 FFBDD3

 490004

 FFDBF0

 280001

 FFF9FF

 000000

 E41B52

 E41B52

 E40441

 E43263

 E4003E

 E44973

 E45F84

 E47694

 E48DA5

 E4A4B5

 E4BBC6

 E4D1D6

 E4E8E7

# Harmonies

## Analogous

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



DA1F93



E41B52



CF480E

# Triad

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



E41B52



008A05



0085F6

# Complementary

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



E41B52



1BE4AD

# 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.



008FD6



E41B52



008F58

# Square

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



E41B52



6A7E00



00919C



0070F3

# Rectangle

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



E41B52



B45F00



00919C



0089EF



# Sweetspot

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



E41B52



FFBDCF



AB1BE4



805863



000000



808080



# Same Dimension

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



E41B52



FF0046



E4471B



73676A



B30031



33000E



# Inverse Universe

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



E41B52



FF0046



1BB8E4



73676A



B30031



33000E



# Previews

## White Background



This preview shows how the Hex color E41B52 looks on a white background.

## Color Contrast Check

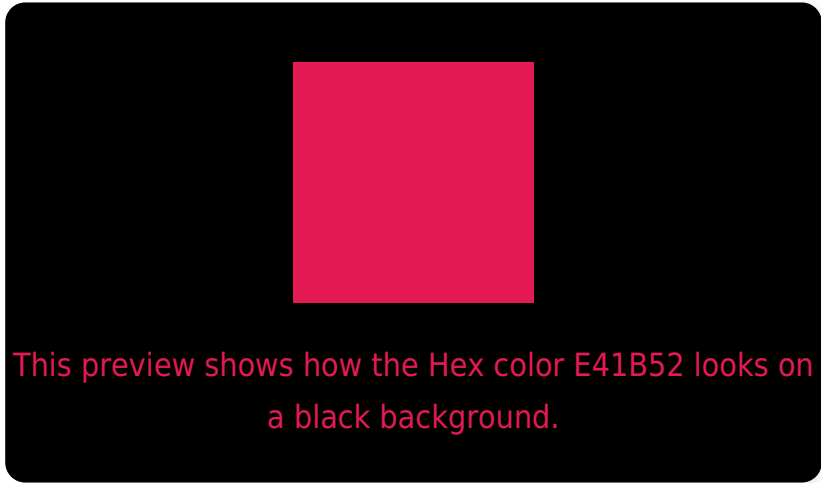
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 E41B52 Background



This preview shows how black text looks on a background with the Hex color E41B52.

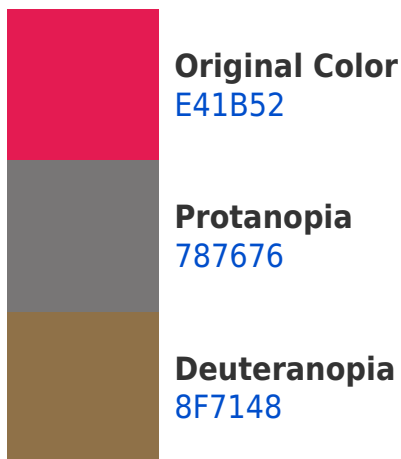


This preview shows how white text looks on a background with the Hex color E41B52.

# 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**  
E32827

# Trichromacy



**Original Color**  
E41B52



**Protanomaly**  
9F5569



**Deuteranomaly**  
AE524C



**Tritanomaly**  
E32337

# Monochromacy



**Original Color**  
E41B52



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
8E4559

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E41B52 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 #E41B52 looks like.

```
.text, #text, p{  
  color:#E41B52  
}
```

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 #E41B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E41B52
}
```

## Border

The CSS property to change the border of an element to Hex E41B52 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
#E41B52 }
```

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

```
.border{ border-color:#E41B52 }
```

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

Here you see how a box with a 4 pixel #E41B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E41B52; -webkit-box-shadow:4px 4px  
4px 4px #E41B52; box-shadow:4px 4px 4px  
4px #E41B52 }
```

# Background

The CSS property to change the background color of an element to Hex E41B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E41B52 }
```

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

```
.background{ background-color:#E41B52 }
```

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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