

Converting Colors

Hex(E52047)

Have a look what the booklet for
Hex(E52047) contains.

Hex(E52047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E52047)

Conversions

Conversions Part 1

Format	Color
Hex	E52047
RGB	229, 32, 71
RGB Percent	90%, 13%, 28%
CMY	0.1020, 0.8745, 0.7216
CMYK	0.00, 0.86, 0.69, 0.10
HSL	348°, 79%, 51%
HSV	348°, 86%, 90%
XYZ	33.9669, 18.1460, 7.6735
YIQ	95.3490, 104.8930, 53.8930

Conversions

Conversions Part 2

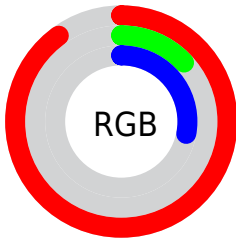
Format	Color
R_{YB}	229, 32, 71
Decimal	15016007
CIE Lab	49.67, 71.75, 30.62
CIE LCh	50, 78.009, 23.109
Yxy	18.1460, 0.5681, 0.3035
Android (android.graphics.Color)	4293206087 (0xFFE52047)
YUV	95.3490, -12.0041, 117.2119
Hunter-Lab	42.5981, 67.7860, 19.1383

Details

The Hex color **E52047** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **20E5BE**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6677**, and **A5001C** is the 20% darker color. If you saturate the color by 10%, you get **E50935**, and if you desaturate by 10%, it is **E53759**.

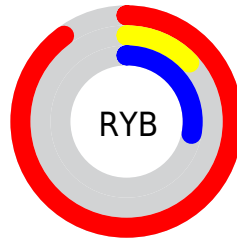
Distribution



Red (90%)

Green (13%)

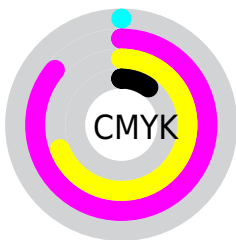
Blue (28%)



Red (90%)

Yellow (13%)

Blue (28%)

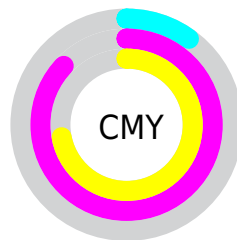


Cyan (0%)

Magenta (86%)

Yellow (69%)

Black (10%)



Cyan (10%)

Magenta (87%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color E52047 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 E52047 by changing the saturation by 10% instead.

 E52047

 E52047

FFFFFF

 C50031

 FF6677

 A5001C

 FF8491

 860004

 FFA1AB

 660001

 FFBFC7

 490004

 FFDDE3

 280001

 FFFBFF

 000000

 E52047

 E52047

 E50935

 E53759

 E5002D

 E54E6C

 E5657E

 E57C90

 E593A3

 E5A9B5

 E5C0C8

 E5D7DA

 E5EEEC

Harmonies

Analogous

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



E11188



E52047



CB4E00

Triad

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



E52047



008C19



0083FB

Complementary

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



E52047



20E5BE

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.



008FE0



E52047



009164

Square

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



E52047



5E8200



0092A9



416CF2

Rectangle

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



E52047



AE6500



0092A9



0088F6

Sweetspot

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



E52047



FFBDCA



BE20E5



805860



000000



808080

Same Dimension

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



E52047



FF0032



E55B20



73676A



B30023



33000A

Inverse Universe

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



E52047



FF0032



20AAE5



73676A



B30023



33000A

Previews

White Background



This preview shows how the Hex color E52047 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 E52047 Background



This preview shows how black text looks on a background with the Hex color E52047.

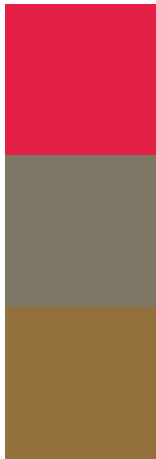


This preview shows how white text looks on a background with the Hex color E52047.

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
E52047

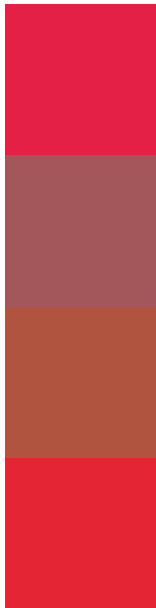
Protanopia
7D7766

Deuteranopia
92713C



Tritanopia
E42827

Trichromacy



Original Color
E52047

Protanomaly
A3575B

Deuteranomaly
B05440

Tritanomaly
E42533

Monochromacy



Original Color
E52047

Achromatopsia
5F5F5F

Achromatomaly
904856

CSS Examples

Text

The CSS property to change the color of the text to Hex E52047 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 #E52047 looks like.

```
.text, #text, p{  
    color:#E52047  
}
```

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 #E52047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E52047
}
```

Border

The CSS property to change the border of an element to Hex E52047 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
#E52047 }
```

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

```
.border{ border-color:#E52047 }
```

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

Here you see how a box with a 4 pixel #E52047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E52047; -webkit-box-shadow:4px 4px  
4px 4px #E52047; box-shadow:4px 4px 4px  
4px #E52047 }
```

Background

The CSS property to change the background color of an element to Hex E52047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E52047 }
```

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

```
.background{ background-color:#E52047 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor