

Converting Colors

Hex(E8275B)

Have a look what the booklet for
Hex(E8275B) contains.

Hex(E8275B)	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(E8275B)

Conversions

Conversions Part 1

Format	Color
Hex	E8275B
RGB	232, 39, 91
RGB Percent	91%, 15%, 36%
CMY	0.0902, 0.8471, 0.6431
CMYK	0.00, 0.83, 0.61, 0.09
HSL	344°, 81%, 53%
HSV	344°, 83%, 91%
XYZ	35.8926, 19.3622, 11.7431
YIQ	102.6350, 98.3360, 57.0880

Conversions

Conversions Part 2

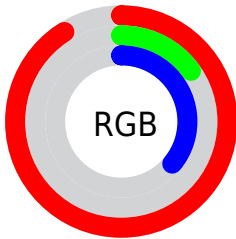
Format	Color
R_{YB}	232, 39, 91
Decimal	15214427
CIE _{Lab}	51.11, 72.14, 20.50
CIE _{LCh}	51, 75.001, 15.866
Yxy	19.3622, 0.5357, 0.2890
Android (android.graphics.Color)	4293404507 (0xFFE8275B)
YUV	102.6350, -5.7361, 113.4531
Hunter-Lab	44.0025, 68.5971, 14.9789

Details

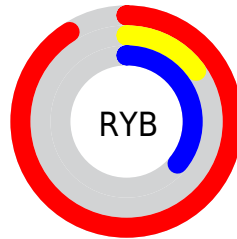
The Hex color **E8275B** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **27E8B4**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6B8D**, and **A9002E** is the 20% darker color. If you saturate the color by 10%, you get **E8104A**, and if you desaturate by 10%, it is **E83E6C**.

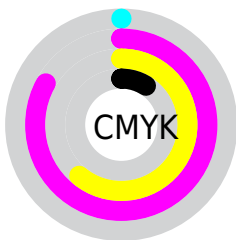
Distribution



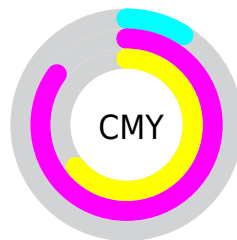
- Red (91%)
- Green (15%)
- Blue (36%)



- Red (91%)
- Yellow (15%)
- Blue (36%)



- Cyan (0%)
- Magenta (83%)
- Yellow (61%)
- Black (9%)



- Cyan (9%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8275B 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 E8275B by changing the saturation by 10% instead.

 E8275B

 E8275B

FFFFFF

 C80044

 FF6B8D

 A9002E

 FF88A7

 8A001A

 FFA6C2

 6B0001

 FFC4DE

 4D0004

 FFE1FA

 2D0002

 000000

 E8275B

 E8275B

 E8104A

 E83E6C

 E8003F

 E8557D

 E86D8E

 E8849F

 E89BB0

 E8B2C1

 E8C9D2

 E8E1E3

 E8F8F4

Harmonies

Analogous

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



DB2E9B



E8275B



D54B1C

Triad

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



E8275B



138E09



008AF7

Complementary

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



E8275B



27E8B4

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.



0093D5



E8275B



009358

Square

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



E8275B



748100



00959B



0076F7

Rectangle

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



E8275B



BC6200



00959B



008EEF

Sweetspot

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



E8275B



FFBFD0



B127E8



805964



000000



808080

Same Dimension

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



E8275B



FF0045



E85127



73676A



B30030



33000E

Inverse Universe

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



E8275B



FF0045



27BEE8



73676A



B30030



33000E

Previews

White Background



This preview shows how the Hex color E8275B 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 E8275B Background



This preview shows how black text looks on a background with the Hex color E8275B.

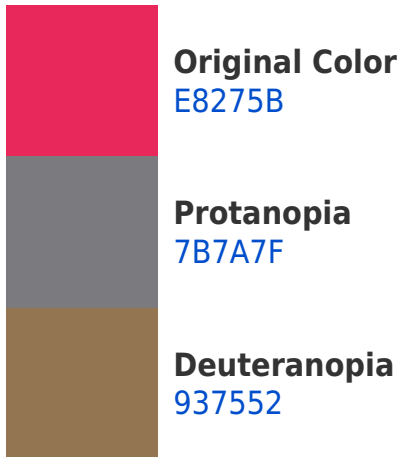


This preview shows how white text looks on a background with the Hex color E8275B.

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](#).

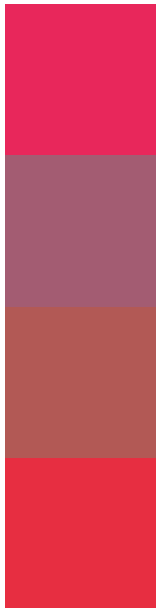
Dichromacy





Tritanopia
E63232

Trichromacy



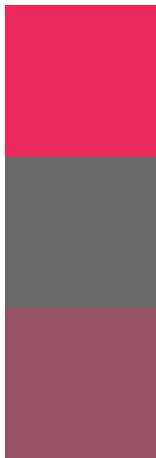
Original Color
E8275B

Protanomaly
A35C72

Deuteranomaly
B25955

Tritanomaly
E72E41

Monochromacy



Original Color
E8275B

Achromatopsia
676767

Achromatomaly
965063

CSS Examples

Text

The CSS property to change the color of the text to Hex E8275B 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 #E8275B looks like.

```
.text, #text, p{  
    color:#E8275B  
}
```

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 #E8275B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8275B
}
```

Border

The CSS property to change the border of an element to Hex E8275B is called "border". The border property can be set on classes, ids or directly on the HTML element.

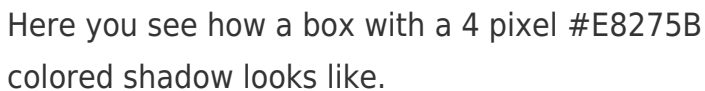
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8275B }
```

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

```
.border{ border-color:#E8275B }
```

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



Here you see how a box with a 4 pixel #E8275B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8275B; -webkit-box-shadow:4px 4px  
4px 4px #E8275B; box-shadow:4px 4px 4px  
4px #E8275B }
```

Background

The CSS property to change the background color of an element to Hex E8275B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8275B }
```

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

```
.background{ background-color:#E8275B }
```

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