

# Converting Colors

Hex(ED2B5D)

Have a look what the booklet for  
Hex(ED2B5D) contains.

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# Color

Hex(ED2B5D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED2B5D
RGB	237, 43, 93
RGB Percent	93%, 17%, 36%
CMY	0.0706, 0.8314, 0.6353
CMYK	0.00, 0.82, 0.61, 0.07
HSL	345°, 84%, 55%
HSV	345°, 82%, 93%
XYZ	37.7647, 20.5226, 12.3268
YIQ	106.7060, 99.5740, 56.6780

# Conversions

## Conversions Part 2

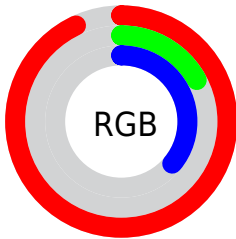
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 43, 93
Decimal	15543133
CIE Lab	52.42, 72.65, 21.22
CIE LCh	52, 75.689, 16.281
Yxy	20.5226, 0.5348, 0.2906
Android (android.graphics.Color)	4293733213 (0xFFED2B5D)
YUV	106.7060, -6.7571, 114.2678
Hunter-Lab	45.3019, 69.5236, 15.5783

# Details

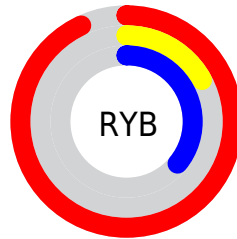
The Hex color **ED2B5D** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **2BEDBB**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6E8F**, and **AE0030** is the 20% darker color. If you saturate the color by 10%, you get **ED134B**, and if you desaturate by 10%, it is **ED436F**.

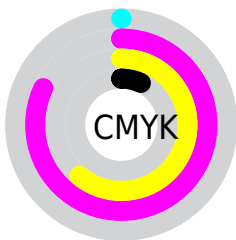
# Distribution



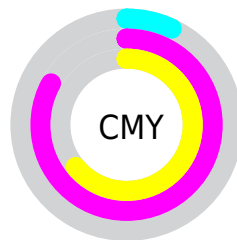
- Red (93%)
- Green (17%)
- Blue (36%)



- Red (93%)
- Yellow (17%)
- Blue (36%)



- Cyan (0%)
- Magenta (82%)
- Yellow (61%)
- Black (7%)



- Cyan (7%)
- Magenta (83%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED2B5D 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 ED2B5D by changing the saturation by 10% instead.



 ED2B5D

 ED2B5D

FFFFFF

 CD0046

 FF6E8F

 AE0030

 FF8CA9

 8E001C

 FFA9C4

 700001

 FFC7E0

 510003

 FFE5FD

 320002

 000000

 ED2B5D

 ED2B5D

 ED134B

 ED436F

 ED003D

 ED5A80

 ED7292

 ED8AA3

 EDA2B5

 EDB9C7

 EDD1D8

 EDE9EA

 EDFFFB

# Harmonies

## Analogous

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



E0319E



ED2B5D



DA4F1D

# Triad

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



ED2B5D



14910F



008DFC

# Complementary

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



ED2B5D



2BEDBB

# 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.



0097DB



ED2B5D



00975C

# Square

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



ED2B5D



778500



0099A0



0079FB

# Rectangle

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



ED2B5D



C06600



0099A0



0092F5



# Sweetspot

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



ED2B5D



FFBFD0



B92BED



805963



000000



808080



# Same Dimension

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



ED2B5D



FF0546



ED582B



756A6D



B5002F



36000E



# Inverse Universe

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



ED2B5D



FF0546



2BC0ED



756A6D



B5002F



36000E



# Previews

## White Background



This preview shows how the Hex color ED2B5D looks on a white background.

## Color Contrast Check

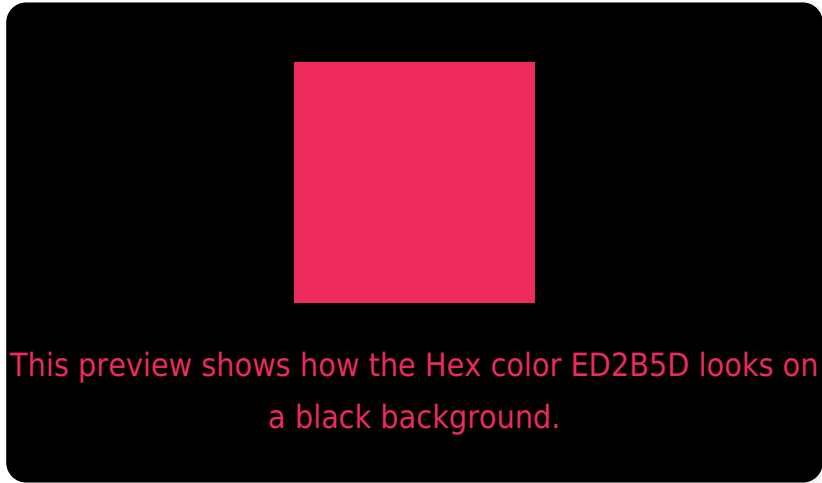
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED2B5D Background



This preview shows how black text looks on a background with the Hex color ED2B5D.



This preview shows how white text looks on a background with the Hex color ED2B5D.

# 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



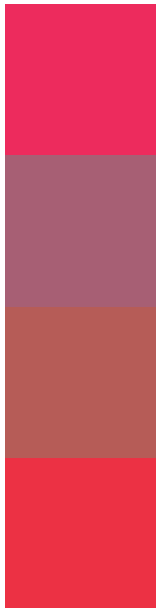
**Original Color**  
ED2B5D

**Protanopia**  
7F7D81

**Deuteranopia**  
977854



# Trichromacy



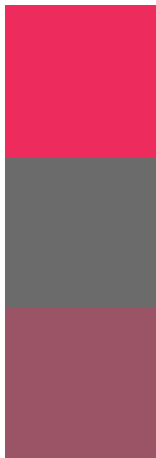
**Original Color**  
ED2B5D

**Protanomaly**  
A75F74

**Deuteranomaly**  
B65C57

**Tritanomaly**  
EC3144

# Monochromacy



**Original Color**  
ED2B5D

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
9A5466

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED2B5D 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 #ED2B5D looks like.

```
.text, #text, p{  
    color:#ED2B5D  
}
```

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 #ED2B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED2B5D
}
```

## Border

The CSS property to change the border of an element to Hex ED2B5D 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
#ED2B5D }
```

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

```
.border{ border-color:#ED2B5D }
```

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

Here you see how a box with a 4 pixel #ED2B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED2B5D; -webkit-box-shadow:4px 4px  
4px 4px #ED2B5D; box-shadow:4px 4px 4px  
4px #ED2B5D }
```

# Background

The CSS property to change the background color of an element to Hex ED2B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED2B5D }
```

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

```
.background{ background-color:#ED2B5D }
```

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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