

# Converting Colors

Hex(E2365D)

Have a look what the booklet for  
Hex(E2365D) contains.

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# Color

**Hex(E2365D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2365D
RGB	226, 54, 93
RGB Percent	89%, 21%, 36%
CMY	0.1137, 0.7882, 0.6353
CMYK	0.00, 0.76, 0.59, 0.11
HSL	346°, 75%, 55%
HSV	346°, 76%, 89%
XYZ	34.6590, 19.5974, 12.3119
YIQ	109.8740, 89.9930, 48.5930

# Conversions

## Conversions Part 2

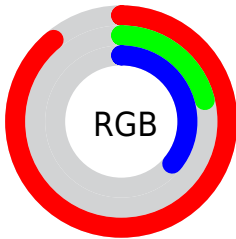
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 54, 93
Decimal	14825053
CIE Lab	51.38, 66.79, 19.46
CIE LCh	51, 69.565, 16.243
Yxy	19.5974, 0.5207, 0.2944
Android (android.graphics.Color)	4293015133 (0xFFE2365D)
YUV	109.8740, -8.3189, 101.8425
Hunter-Lab	44.2689, 62.2803, 14.4988

# Details

The Hex color **E2365D** 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 **36E2BB**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF738F**, and **A40030** is the 20% darker color. If you saturate the color by 10%, you get **E21F4C**, and if you desaturate by 10%, it is **E24D6E**.

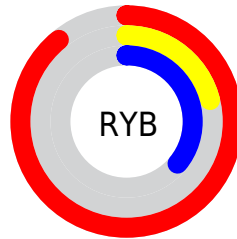
# Distribution



Red (89%)

Green (21%)

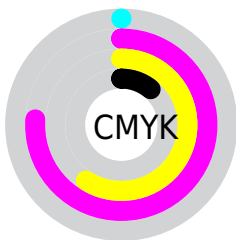
Blue (36%)



Red (89%)

Yellow (21%)

Blue (36%)

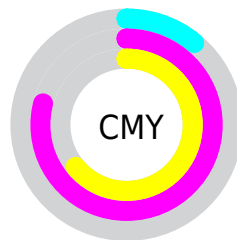


Cyan (0%)

Magenta (76%)

Yellow (59%)

Black (11%)



Cyan (11%)

Magenta (79%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2365D 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 E2365D by changing the saturation by 10% instead.



 E2365D

 E2365D

FFFFFF

 C30546

 FF738F

 A40030

 FF90A9

 85001C

 FFADC5

 670000

 FFCBE0

 4A0003

 FFE8FD

 2A0001

 000000

 E2365D

 E2365D

 E21F4C

 E24D6E

 E2093A

 E26380

 E20033

 E27A91

 E290A3

 E2A7B4

 E2BEC6

 E2D4D7

 E2EBE9

 E2FFFA

# Harmonies

## Analogous

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



D63A98



E2365D



D15224

# Triad

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



E2365D



258D1B



0089EF

# Complementary

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



E2365D



36E2BB

# 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.



0092D0



E2365D



00935C

# Square

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



E2365D



768200



00959A



2277EE

# Rectangle

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



E2365D



B96500



00959A



008DE8



# Sweetspot

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



E2365D



FFC4D2



BA36E2



805C64



000000



808080



# Same Dimension

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



E2365D



FF174C



E26436



706568



B00028



30000B



# Inverse Universe

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



E2365D



FF174C



36B4E2



706568



B00028



30000B



# Previews

## White Background



This preview shows how the Hex color E2365D 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 E2365D Background



This preview shows how black text looks on a background with the Hex color E2365D.

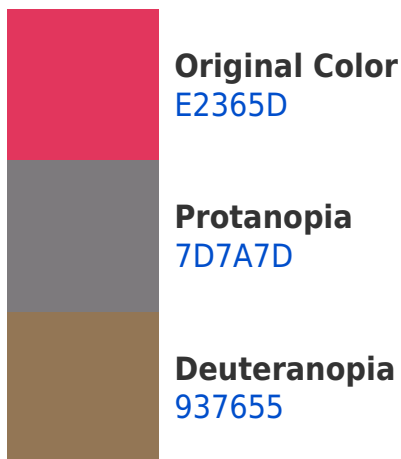


This preview shows how white text looks on a background with the Hex color E2365D.

# 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](#).

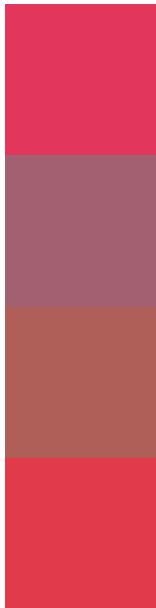
## Dichromacy





**Tritanopia**  
E13D3F

# Trichromacy



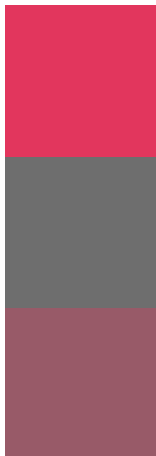
**Original Color**  
E2365D

**Protanomaly**  
A26171

**Deuteranomaly**  
B05F58

**Tritanomaly**  
E13A4A

# Monochromacy



**Original Color**  
E2365D

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
985A68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2365D 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 #E2365D looks like.

```
.text, #text, p{  
    color:#E2365D  
}
```

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 #E2365D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2365D
}
```

## Border

The CSS property to change the border of an element to Hex E2365D is called "border". The border property can be set on classes, ids or directly on the HTML element.

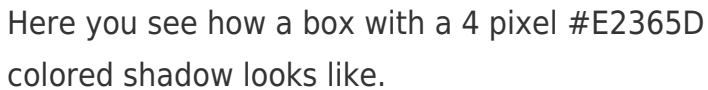
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2365D }
```

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

```
.border{ border-color:#E2365D }
```

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



Here you see how a box with a 4 pixel `#E2365D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2365D; -webkit-box-shadow:4px 4px  
4px 4px #E2365D; box-shadow:4px 4px 4px  
4px #E2365D }
```

# Background

The CSS property to change the background color of an element to Hex E2365D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2365D }
```

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

```
.background{ background-color:#E2365D }
```

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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