

# Converting Colors

Hex(E3365B)

Have a look what the booklet for  
Hex(E3365B) contains.

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# Color

Hex(E3365B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3365B
RGB	227, 54, 91
RGB Percent	89%, 21%, 36%
CMY	0.1098, 0.7882, 0.6431
CMYK	0.00, 0.76, 0.60, 0.11
HSL	347°, 76%, 55%
HSV	347°, 76%, 89%
XYZ	34.8860, 19.7246, 11.8661
YIQ	109.9450, 91.2310, 48.1830

# Conversions

## Conversions Part 2

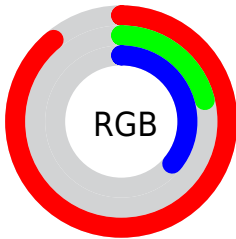
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">227, 54, 91</a>
Decimal	<a href="#">14890587</a>
CIELab	<a href="#">51.52, 66.94, 20.89</a>
CIELCh	<a href="#">52, 70.124, 17.332</a>
Yxy	<a href="#">19.7246, 0.5248, 0.2967</a>
Android (android.graphics.Color)	<a href="#">4293080667 (0xFFE3365B)</a>
YUV	<a href="#">109.9450, -9.3399, 102.6572</a>
Hunter-Lab	<a href="#">44.4123, 62.4908, 15.2476</a>

# Details

The Hex color **E3365B** 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 **36E3BE**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF738D**, and **A4002E** is the 20% darker color. If you saturate the color by 10%, you get **E31F49**, and if you desaturate by 10%, it is **E34D6D**.

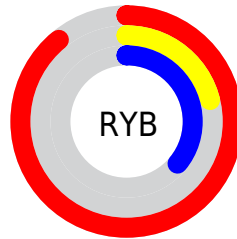
# Distribution



Red (89%)

Green (21%)

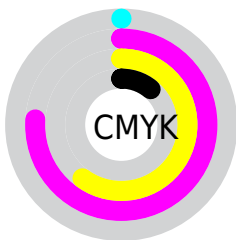
Blue (36%)



Red (89%)

Yellow (21%)

Blue (36%)

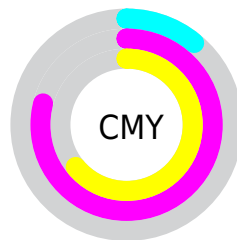


Cyan (0%)

Magenta (76%)

Yellow (60%)

Black (11%)



Cyan (11%)

Magenta (79%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3365B 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 E3365B by changing the saturation by 10% instead.



 E3365B

 E3365B

FFFFFF

 C40544

 FF738D

 A4002E

 FF90A7

 86001A

 FFADC2

 670000

 FFCBDE

 4A0003

 FFE8FB

 2B0001

 000000

 E3365B

 E3365B

 E31F49

 E34D6D

 E30937

 E3637F

 E30031

 E37A91

 E391A2

 E3A8B4

 E3BEC6

 E3D5D8

 E3ECEA

 E3FFFC

# Harmonies

## Analogous

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



D83997



E3365B



D15321

# Triad

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



E3365B



1E8E1D



0089F1

# Complementary

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



E3365B



36E3BE

# 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.



0093D2



E3365B



00945E

# Square

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



E3365B



748300



00959D



2D76EF

# Rectangle

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



E3365B



B86600



00959D



008DEA



# Sweetspot

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



E3365B



FFC4D1



BE36E3



805C63



000000



808080



# Same Dimension

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



E3365B



FF1749



E36736



73676A



B30026



33000B



# Inverse Universe

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



E3365B



FF1749



36B2E3



73676A



B30026

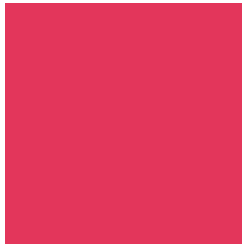


33000B



# Previews

## White Background



This preview shows how the Hex color E3365B looks on a white background.

## Color Contrast Check

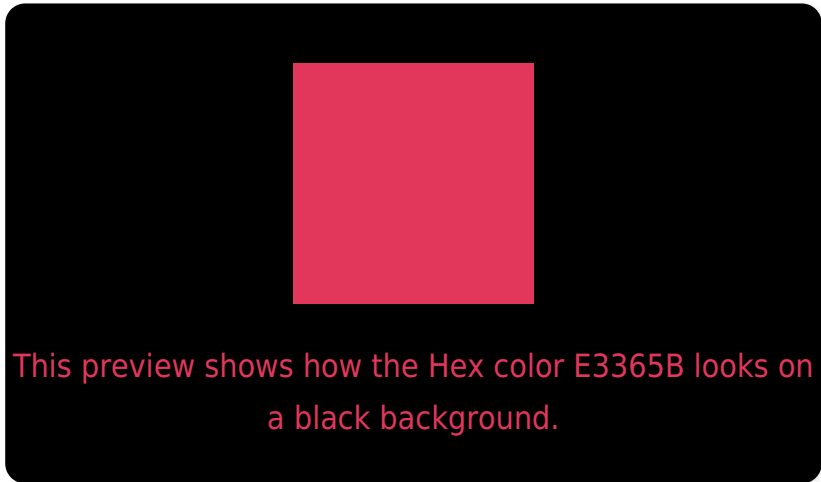
Large Text (above 18pt) WCAG AA ✓ Pass

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 E3365B Background



This preview shows how black text looks on a background with the Hex color E3365B.

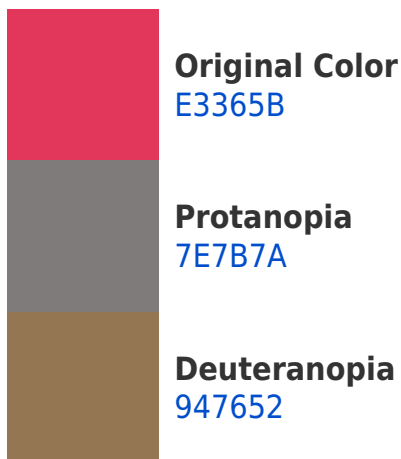


This preview shows how white text looks on a background with the Hex color E3365B.

# Color Blindness Simulation

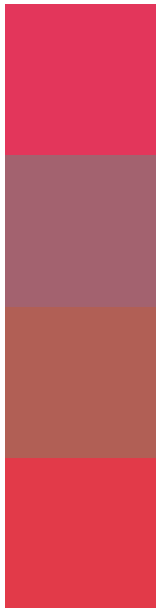
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
E3365B

**Protanomaly**  
A3626F

**Deuteranomaly**  
B15F55

**Tritanomaly**  
E23A49

# Monochromacy



**Original Color**  
E3365B

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
995A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3365B 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 #E3365B looks like.

```
.text, #text, p{  
  color:#E3365B  
}
```

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 #E3365B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3365B
}
```

## Border

The CSS property to change the border of an element to Hex E3365B 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
#E3365B }
```

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

```
.border{ border-color:#E3365B }
```

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

Here you see how a box with a 4 pixel #E3365B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3365B; -webkit-box-shadow:4px 4px  
4px 4px #E3365B; box-shadow:4px 4px 4px  
4px #E3365B }
```

# Background

The CSS property to change the background color of an element to Hex E3365B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3365B }
```

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

```
.background{ background-color:#E3365B }
```

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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