

# Converting Colors

Hex(E0344B)

Have a look what the booklet for  
Hex(E0344B) contains.

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# Color

Hex(E0344B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0344B
RGB	224, 52, 75
RGB Percent	88%, 20%, 29%
CMY	0.1216, 0.7961, 0.7059
CMYK	0.00, 0.77, 0.67, 0.12
HSL	352°, 74%, 54%
HSV	352°, 77%, 88%
XYZ	33.2385, 18.8113, 8.5357
YIQ	106.0500, 95.1290, 43.6170

# Conversions

## Conversions Part 2

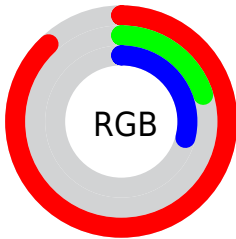
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 52, 75
Decimal	14693451
CIE <sub>Lab</sub>	50.47, 65.78, 29.00
CIE <sub>LCh</sub>	50, 71.885, 23.792
Yxy	18.8113, 0.5486, 0.3105
Android (android.graphics.Color)	4292883531 (0xFFE0344B)
YUV	106.0500, -15.3076, 103.4421
Hunter-Lab	43.3720, 60.8940, 18.6920

# Details

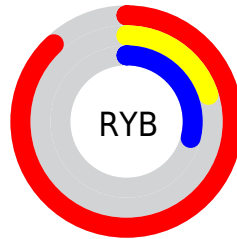
The Hex color **E0344B** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **34E0C9**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF717C**, and **A10020** is the 20% darker color. If you saturate the color by 10%, you get **E01E38**, and if you desaturate by 10%, it is **E04A5E**.

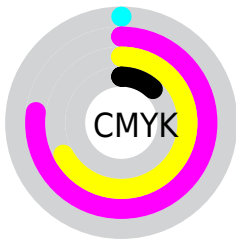
# Distribution



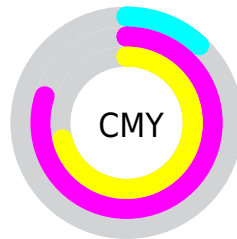
- Red (88%)
- Green (20%)
- Blue (29%)



- Red (88%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (77%)
- Yellow (67%)
- Black (12%)



- Cyan (12%)
- Magenta (80%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0344B 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 E0344B by changing the saturation by 10% instead.



 E0344B

 E0344B

FFFFFF

 C00134

 FF717C

 A10020

 FF8E95

 82000A

 FFABB0

 630000

 FFC8CC

 470003

 FFE6E8

 260001

 000000

 E0344B

 E0344B

 E01E38

 E04A5E

 E00724

 E06172

 E0001E

 E07785

 E08E99

 E0A4AC

 E0BABF

 E0D1D3

 E0E7E6

 E0FEFA

# Harmonies

## Analogous

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



DC2C88



E0344B



C85509

# Triad

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



E0344B



008D27



0084F3

# Complementary

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



E0344B



34E0C9

# 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.



008FDB



E0344B



009269

# Square

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



E0344B



638300



0093A8



536EEA

# Rectangle

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



E0344B



AC6900



0093A8



0089EF



# Sweetspot

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



E0344B



FFC4CC



C634E0



805C61



000000



808080



# Same Dimension

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



E0344B



FF1434



E07034



706566



B00018



300006



# Inverse Universe

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



E0344B



FF1434



34A4E0



706566



B00018



300006



# Previews

## White Background



This preview shows how the Hex color E0344B looks on a white background.

## Color Contrast Check

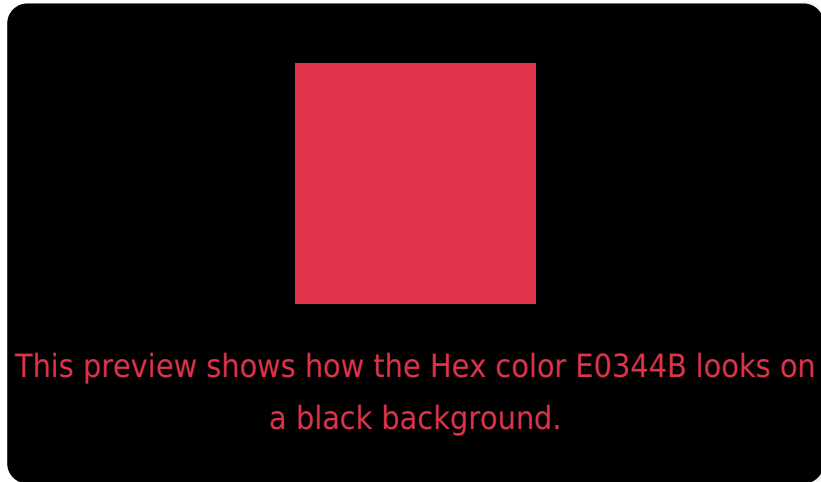
Large Text (above 18pt) WCAG AA ✓ Pass

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 E0344B Background



This preview shows how black text looks on a background with the Hex color E0344B.



This preview shows how white text looks on a background with the Hex color E0344B.

# 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**  
E0344B

**Protanopia**  
7F7866

**Deuteranopia**  
947342



# Trichromacy



**Original Color**  
E0344B

**Protanomaly**  
A25F5C

**Deuteranomaly**  
B05C45

**Tritanomaly**  
DF3640

# Monochromacy



**Original Color**  
E0344B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
95565F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0344B 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 #E0344B looks like.

```
.text, #text, p{  
    color:#E0344B  
}
```

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 #E0344B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0344B
}
```

## Border

The CSS property to change the border of an element to Hex E0344B is called "border". The border property can be set on classes, ids or directly on the HTML element.

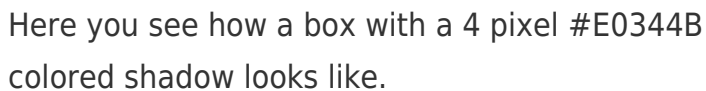
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E0344B }
```

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

```
.border{ border-color:#E0344B }
```

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

A rectangular box with a red border and a red shadow. The text inside the box reads: "Here you see how a box with a 4 pixel #E0344B colored shadow looks like." The box is white with a red border and a red shadow on the right and bottom sides.

Here you see how a box with a 4 pixel #E0344B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0344B; -webkit-box-shadow:4px 4px  
4px 4px #E0344B; box-shadow:4px 4px 4px  
4px #E0344B }
```

# Background

The CSS property to change the background color of an element to Hex E0344B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0344B }
```

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

```
.background{ background-color:#E0344B }
```

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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