

Converting Colors

Hex(E6304B)

Have a look what the booklet for
Hex(E6304B) contains.

Hex(E6304B)	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(E6304B)

Conversions

Conversions Part 1

Format	Color
Hex	E6304B
RGB	230, 48, 75
RGB Percent	90%, 19%, 29%
CMY	0.0980, 0.8118, 0.7059
CMYK	0.00, 0.79, 0.67, 0.10
HSL	351°, 78%, 55%
HSV	351°, 79%, 90%
XYZ	34.9601, 19.4449, 8.5672
YIQ	105.4960, 99.8050, 46.9810

Conversions

Conversions Part 2

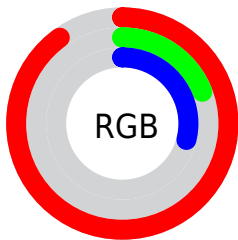
Format	Color
RYB	230, 48, 75
Decimal	15085643
CIELab	51.20, 68.57, 30.17
CIElCh	51, 74.917, 23.745
Yxy	19.4449, 0.5552, 0.3088
Android (android.graphics.Color)	4293275723 (0xFFE6304B)
YUV	105.4960, -15.0345, 109.1900
Hunter-Lab	44.0964, 64.3481, 19.3483

Details

The Hex color **E6304B** 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 **30E6CB**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6F7C**, and **A60020** is the 20% darker color. If you saturate the color by 10%, you get **E61937**, and if you desaturate by 10%, it is **E6475F**.

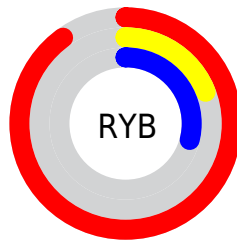
Distribution



Red (90%)

Green (19%)

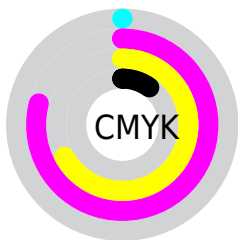
Blue (29%)



Red (90%)

Yellow (19%)

Blue (29%)

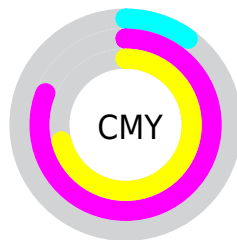


Cyan (0%)

Magenta (79%)

Yellow (67%)

Black (10%)



Cyan (10%)

Magenta (81%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6304B 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 E6304B by changing the saturation by 10% instead.

 E6304B

 E6304B

FFFFFF

 C60034

 FF6F7C

 A60020

 FF8D95

 87000A

 FFAAB0

 680000

 FFC7CB

 4B0003

 FFE5E8

 2B0001

 000000

 E6304B

 E6304B

 E61937

 E6475F

 E60224

 E65E72

 E60022

 E67586

 E68C99

 E6A3AD

 E6BAC1

 E6D1D4

 E6E8E8

 E6FFFB

Harmonies

Analogous

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



E2268A



E6304B



CD5502

Triad

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



E6304B



009025



0086FB

Complementary

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



E6304B



30E6CB

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.



0092E1



E6304B



00956A

Square

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



E6304B



638600



0095AC



516FF1

Rectangle

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



E6304B



B06A00



0095AC



008BF6

Sweetspot

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



E6304B



FFC2CB



CB30E6



805B60



000000



808080

Same Dimension

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



E6304B



FF0D31



E67030



736769



B3001A



330008

Inverse Universe

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



E6304B



FF0D31



30A6E6



736769



B3001A



330008

Previews

White Background



This preview shows how the Hex color E6304B 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 E6304B Background



This preview shows how black text looks on a background with the Hex color E6304B.



This preview shows how white text looks on a background with the Hex color E6304B.

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
E6304B

Protanopia
817A68

Deuteranopia
967541



Tritanopia
E53435

Trichromacy



Original Color
E6304B

Protanomaly
A65F5D

Deuteranomaly
B35C45

Tritanomaly
E5333D

Monochromacy



Original Color
E6304B

Achromatopsia
696969

Achromatomaly
96545E

CSS Examples

Text

The CSS property to change the color of the text to Hex E6304B 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 #E6304B looks like.

```
.text, #text, p{  
    color:#E6304B  
}
```

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 #E6304B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6304B
}
```

Border

The CSS property to change the border of an element to Hex E6304B 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
#E6304B }
```

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

```
.border{ border-color:#E6304B }
```

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

Here you see how a box with a 4 pixel #E6304B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6304B; -webkit-box-shadow:4px 4px  
4px 4px #E6304B; box-shadow:4px 4px 4px  
4px #E6304B }
```

Background

The CSS property to change the background color of an element to Hex E6304B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6304B }
```

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

```
.background{ background-color:#E6304B }
```

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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