

Converting Colors

Hex(EB1D41)

Have a look what the booklet for
Hex(EB1D41) contains.

Hex(EB1D41)	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(EB1D41)

Conversions

Conversions Part 1

Format	Color
Hex	EB1D41
RGB	235, 29, 65
RGB Percent	92%, 11%, 25%
CMY	0.0784, 0.8863, 0.7451
CMYK	0.00, 0.88, 0.72, 0.08
HSL	350°, 84%, 52%
HSV	350°, 88%, 92%
XYZ	35.6544, 18.9226, 6.7742
YIQ	94.6980, 111.2200, 54.8680

Conversions

Conversions Part 2

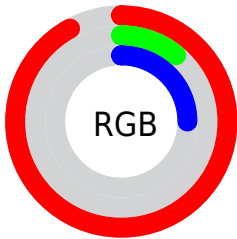
Format	Color
R _Y B	235, 29, 65
Decimal	15408449
CIE Lab	50.60, 73.55, 35.57
CIE LCh	51, 81.699, 25.811
Yxy	18.9226, 0.5812, 0.3084
Android (android.graphics.Color)	4293598529 (0xFFEB1D41)
YUV	94.6980, -14.6411, 123.0449
Hunter-Lab	43.5001, 70.1809, 21.2168

Details

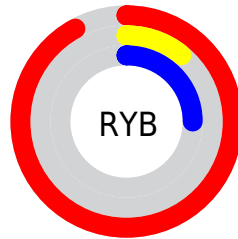
The Hex color **EB1D41** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1DEBC7**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6671**, and **AA0017** is the 20% darker color. If you saturate the color by 10%, you get **EB062E**, and if you desaturate by 10%, it is **EB3554**.

Distribution



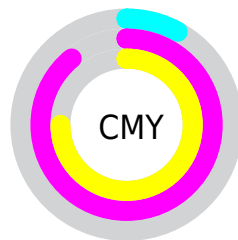
- Red (92%)
- Green (11%)
- Blue (25%)



- Red (92%)
- Yellow (11%)
- Blue (25%)



- Cyan (0%)
- Magenta (88%)
- Yellow (72%)
- Black (8%)



- Cyan (8%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB1D41 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 EB1D41 by changing the saturation by 10% instead.

 EB1D41

 EB1D41

FFFFFF

 CB002B

 FF6671

 AA0017

 FF848A

 8B0000

 FFA1A5

 6B0001

 FFBFC0

 4D0004

 FFDDDC

 2D0001

 FFFBF8

 000000

 EB1D41

 EB1D41

 EB062E

 EB3554

 EB0029

 EB4C68

 EB647B

 EB7B8F

 EB93A2

 EBAAB5

 EBC2C9

 EBD9DC

 EBF1F0

Harmonies

Analogous

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



EA0085



EB1D41



CD5200

Triad

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



EB1D41



00901E



0085FF

Complementary

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



EB1D41



1DEBC7

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.



0092EC



EB1D41



00946C

Square

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



EB1D41



578600



0095B4



516AF8

Rectangle

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



EB1D41



AD6900



0095B4



008AFF

Sweetspot

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



EB1D41



FFBDC8



C51DEB



80585F



000000



808080

Same Dimension

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



EB1D41



FF002D



EB5E1D



756A6C



B50020



360009

Inverse Universe

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



EB1D41



FF002D



1DAAEB



756A6C



B50020



360009

Previews

White Background



This preview shows how the Hex color EB1D41 looks on a white background.

Color Contrast Check

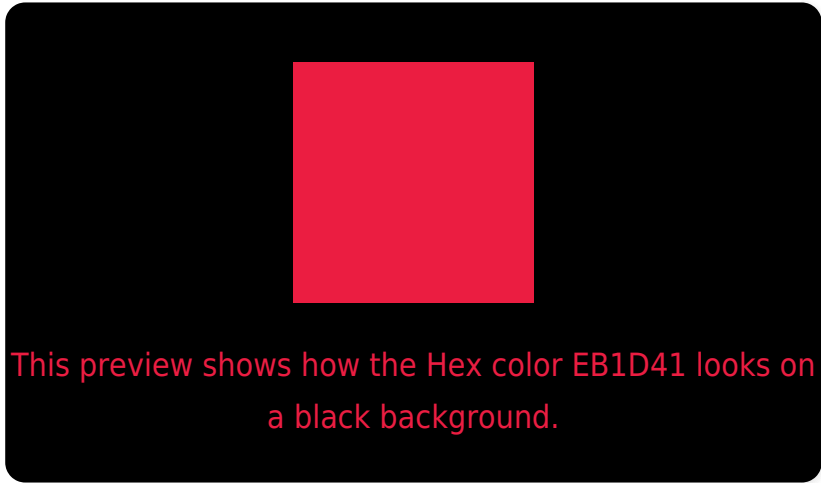
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB1D41 Background



This preview shows how black text looks on a background with the Hex color EB1D41.

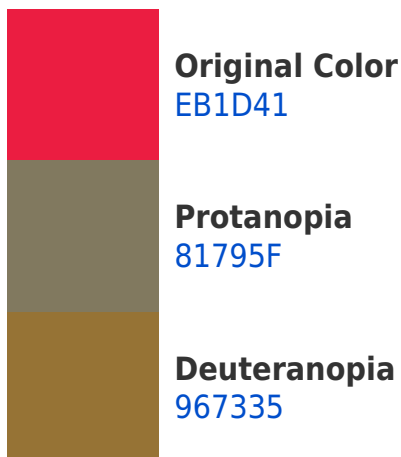


This preview shows how white text looks on a background with the Hex color EB1D41.

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
EB1D41

Protanomaly
A85854

Deuteranomaly
B55439

Tritanomaly
EA222D

Monochromacy



Original Color
EB1D41

Achromatopsia
5F5F5F

Achromatomaly
924754

CSS Examples

Text

The CSS property to change the color of the text to Hex EB1D41 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 #EB1D41 looks like.

```
.text, #text, p{  
    color:#EB1D41  
}
```

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 #EB1D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB1D41
}
```

Border

The CSS property to change the border of an element to Hex EB1D41 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
#EB1D41 }
```

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

```
.border{ border-color:#EB1D41 }
```

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

Here you see how a box with a 4 pixel #EB1D41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB1D41; -webkit-box-shadow:4px 4px  
4px 4px #EB1D41; box-shadow:4px 4px 4px  
4px #EB1D41 }
```

Background

The CSS property to change the background color of an element to Hex EB1D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB1D41 }
```

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

```
.background{ background-color:#EB1D41 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor