

Converting Colors

Hex(E41691)

Have a look what the booklet for
Hex(E41691) contains.

Hex(E41691)	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(E41691)

Conversions

Conversions Part 1

Format	Color
Hex	E41691
RGB	228, 22, 145
RGB Percent	89%, 9%, 57%
CMY	0.1059, 0.9137, 0.4314
CMYK	0.00, 0.90, 0.36, 0.11
HSL	324°, 82%, 49%
HSV	324°, 90%, 89%
XYZ	37.3927, 19.1121, 28.5063
YIQ	97.6160, 83.2930, 81.9250

Conversions

Conversions Part 2

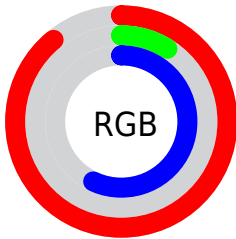
Format	Color
R_{YB}	228, 22, 145
Decimal	14947985
CIE _{Lab}	50.82, 78.36, -12.74
CIE _{LCh}	51, 79.389, 350.765
Yxy	19.1121, 0.4399, 0.2248
Android (android.graphics.Color)	4293138065 (0xFFE41691)
YUV	97.6160, 23.3603, 114.3468
Hunter-Lab	43.7174, 76.1702, -8.0583

Details

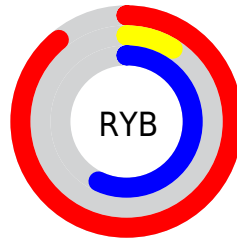
The Hex color **E41691** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **16E469**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF64C7**, and **A7005F** is the 20% darker color. If you saturate the color by 10%, you get **E40088**, and if you desaturate by 10%, it is **E42D9A**.

Distribution



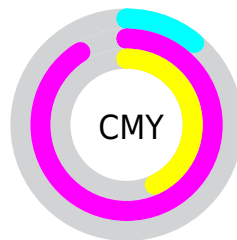
- Red (89%)
- Green (9%)
- Blue (57%)



- Red (89%)
- Yellow (9%)
- Blue (57%)



- Cyan (0%)
- Magenta (90%)
- Yellow (36%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color E41691 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 E41691 by changing the saturation by 10% instead.

 E41691

 E41691

FFFFFF

 C50077

 FF64C7

 A7005F

 FF83E3

 890047

 FFA1FF

 6B0030

 FFBFFF

 4F001C

 FFDDFF

 310002

 FFFBFF

 000000

 E41691

 E41691

 E40088

 E42D9A

 E444A3

 E45AAD

 E471B6

 E488BF

 E49FC8

 E4B6D1

 E4CCDA

 E4E3E4

Harmonies

Analogous

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



B34BD0



E41691



EB1D4E

Triad

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



E41691



668400



0093E2

Complementary

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



E41691



16E469

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.



0096A7



E41691



008F11

Square

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



E41691



A46F00



009461



0088FF

Rectangle

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



E41691



DE3F21



009461



0094D1

Sweetspot

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



E41691



FFBAE3



6816E4



80576F



000000



808080

Same Dimension

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



E41691



FF0098



E4162B



73676E



B3006B



33001E

Inverse Universe

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



E41691



FF0098



16E4CF



73676E



B3006B



33001E

Previews

White Background



This preview shows how the Hex color E41691 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 E41691 Background



This preview shows how black text looks on a background with the Hex color E41691.



This preview shows how white text looks on a background with the Hex color E41691.

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
E41691



Protanomaly
8A54B7



Deuteranomaly
A4548B

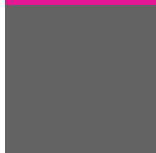


Tritanomaly
E12E5C

Monochromacy



Original Color
E41691



Achromatopsia
626262



Achromatomaly
914673

CSS Examples

Text

The CSS property to change the color of the text to Hex E41691 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 #E41691 looks like.

```
.text, #text, p{  
    color:#E41691  
}
```

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 #E41691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E41691
}
```

Border

The CSS property to change the border of an element to Hex E41691 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
#E41691 }
```

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

```
.border{ border-color:#E41691 }
```

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

Here you see how a box with a 4 pixel #E41691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E41691; -webkit-box-shadow:4px 4px  
4px 4px #E41691; box-shadow:4px 4px 4px  
4px #E41691 }
```

Background

The CSS property to change the background color of an element to Hex E41691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E41691 }
```

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

```
.background{ background-color:#E41691 }
```

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