

# Converting Colors

Hex(E20B8E)

Have a look what the booklet for  
Hex(E20B8E) contains.

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# Color

Hex(E20B8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	E20B8E
RGB	226, 11, 142
RGB Percent	89%, 4%, 56%
CMY	0.1137, 0.9569, 0.4431
CMYK	0.00, 0.95, 0.37, 0.11
HSL	323°, 91%, 46%
HSV	323°, 95%, 89%
XYZ	36.3662, 18.3611, 27.2185
YIQ	90.2190, 86.0890, 86.3210

# Conversions

## Conversions Part 2

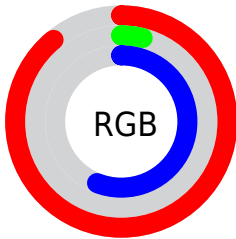
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 11, 142
Decimal	14814094
CIE <sub>Lab</sub>	49.93, 78.80, -12.31
CIE <sub>LCh</sub>	50, 79.756, 351.118
Yxy	18.3611, 0.4438, 0.2241
Android (android.graphics.Color)	4293004174 (0xFFE20B8E)
YUV	90.2190, 25.5280, 119.0799
Hunter-Lab	42.8498, 76.5038, -7.6665

# Details

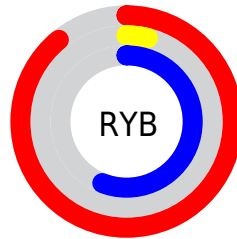
The Hex color **E20B8E** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **0BE25F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF60C4**, and **A5005C** is the 20% darker color. If you saturate the color by 10%, you get **E2008A**, and if you desaturate by 10%, it is **E22297**.

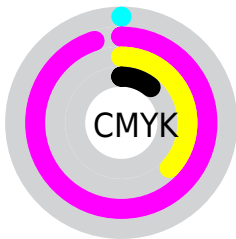
# Distribution



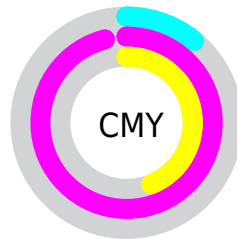
- Red (89%)
- Green (4%)
- Blue (56%)



- Red (89%)
- Yellow (4%)
- Blue (56%)



- Cyan (0%)
- Magenta (95%)
- Yellow (37%)
- Black (11%)



- Cyan (11%)
- Magenta (96%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E20B8E 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 E20B8E by changing the saturation by 10% instead.



 E20B8E

 E20B8E

FFFFFF

 C30074

 FF60C4

 A5005C

 FF7FE0

 870044

 FF9EFC

 69002E

 FFBCFF

 4D001A

 FFDAFF

 2F0002

 FFF8FF

 000000

 E20B8E

 E20B8E

 E2008A

 E22297

 E238A0

 E24FA8

 E265B1

 E27CBA

 E293C3

 E2A9CC

 E2C0D5

 E2D6DD

# Harmonies

## Analogous

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



B247CD



E20B8E



E9164B

# Triad

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



E20B8E



638200



0090E0

# Complementary

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



E20B8E



0BE25F

# 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.



0093A6



E20B8E



008D0E

# Square

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



E20B8E



A16D00



009260



0086FF

# Rectangle

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



E20B8E



DB3C1E



009260



0092CF



# Sweetspot

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



E20B8E



FFB5E2



5D0BE2



80536E



000000



808080



# Same Dimension

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



E20B8E



FF009B



E20B24



70656C



B0006B



30001E



# Inverse Universe

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



E20B8E



FF009B



0BE2C9



70656C



B0006B



30001E



# Previews

## White Background



This preview shows how the Hex color E20B8E looks on a white background.

## Color Contrast Check

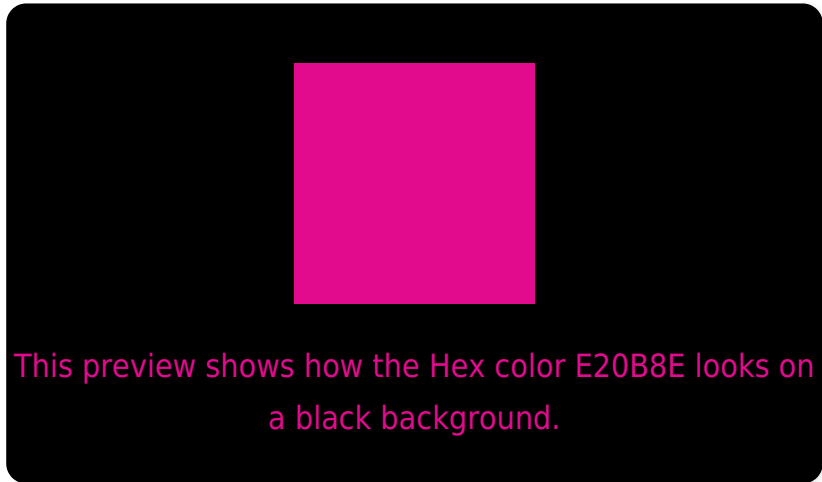
Large Text (above 18pt) WCAG AA ✓ Pass

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 E20B8E Background



This preview shows how black text looks on a background with the Hex color E20B8E.



This preview shows how white text looks on a background with the Hex color E20B8E.

# 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**  
E20B8E



**Protanomaly**  
884EB5



**Deuteranomaly**  
A24E88



**Tritanomaly**  
DF2859

# Monochromacy



**Original Color**  
E20B8E



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
8B3D6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E20B8E 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 #E20B8E looks like.

```
.text, #text, p{  
    color:#E20B8E  
}
```

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 #E20B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E20B8E
}
```

## Border

The CSS property to change the border of an element to Hex E20B8E 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
#E20B8E }
```

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

```
.border{ border-color:#E20B8E }
```

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

Here you see how a box with a 4 pixel #E20B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E20B8E; -webkit-box-shadow:4px 4px  
4px 4px #E20B8E; box-shadow:4px 4px 4px  
4px #E20B8E }
```

# Background

The CSS property to change the background color of an element to Hex E20B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E20B8E }
```

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

```
.background{ background-color:#E20B8E }
```

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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