

# Converting Colors

Hex(E1669B)

Have a look what the booklet for  
Hex(E1669B) contains.

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# **Color**

**Hex(E1669B)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E1669B                     |
| RGB         | 225, 102, 155              |
| RGB Percent | 88%, 40%, 61%              |
| CMY         | 0.1176, 0.6000, 0.3922     |
| CMYK        | 0.00, 0.55, 0.31, 0.12     |
| HSL         | 334°, 67%, 64%             |
| HSV         | 334°, 55%, 88%             |
| XYZ         | 41.7191, 27.8769, 34.1923  |
| YIQ         | 144.8190, 56.2950, 42.5590 |

# Conversions

## Conversions Part 2

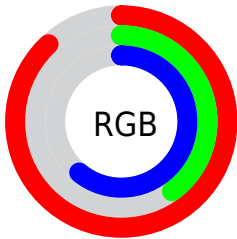
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 225, 102, 155                |
| Decimal                             | 14771867                     |
| CIE Lab                             | 59.78, 53.36, -5.29          |
| CIE LCh                             | 60, 53.622, 354.337          |
| Yxy                                 | 27.8769, 0.4020,<br>0.2686   |
| Android<br>(android.graphics.Color) | 4292961947<br>(0xFFE1669B)   |
| YUV                                 | 144.8190, 5.0192,<br>70.3187 |
| Hunter-Lab                          | 52.7985, 48.6455,<br>-1.4372 |

# Details

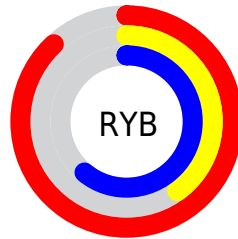
The Hex color **E1669B** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66E1AC**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9DD1**, and **A62E68** is the 20% darker color. If you saturate the color by 10%, you get **E1508E**, and if you desaturate by 10%, it is **E17DA8**.

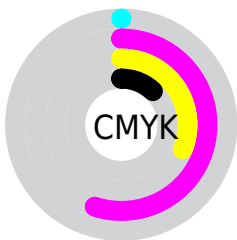
# Distribution



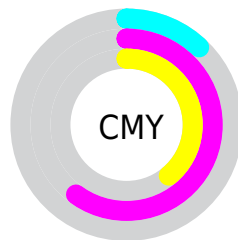
- Red (88%)
- Green (40%)
- Blue (61%)



- Red (88%)
- Yellow (40%)
- Blue (61%)



- Cyan (0%)
- Magenta (55%)
- Yellow (31%)
- Black (12%)



- Cyan (12%)
- Magenta (60%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1669B 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 E1669B by changing the saturation by 10% instead.



 E1669B

 E1669B

FFFFFF

 C34B81

 FF9DD1

 A62E68

 FFB9EE

 8A0950

 FFD6FF

 6E0039

 FFF3FF

 520024

 3A000E

 150000

 000000

 E1669B

 E1669B

 E1508E

 E17DA8

 E13981

 E193B5

 E12375

 E1AAC1

 E10C68

 E1C0CE

 E10061

 E1D7DB

 E1EDE8

 E1FFF5

 E1FFFF

# Harmonies

## Analogous

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



C174C8



E1669B



E6696C

# Triad

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



E1669B



849934



00A2DC

# Complementary

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



E1669B



66E1AC

# 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.



00A7B5



E1669B



47A256

# Square

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



E1669B



B18A2C



00A685



0098EE

# Rectangle

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



E1669B



DC7250



00A685



00A4D1



# Sweetspot

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



E1669B



FFD6E8



AC66E1



806772



000000



808080



# Same Dimension

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



E1669B



FF579F



E16E66



70656A



B0004C



300015



# Inverse Universe

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



E1669B



FF579F



66D9E1



70656A



B0004C



300015



# Previews

## White Background



This preview shows how the Hex color E1669B 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

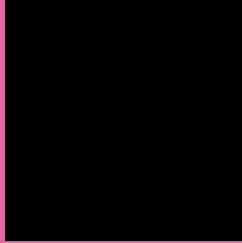
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1669B Background



This preview shows how black text looks on a background with the Hex color E1669B.



This preview shows how white text looks on a background with the Hex color E1669B.

# Color Blindness Simulation

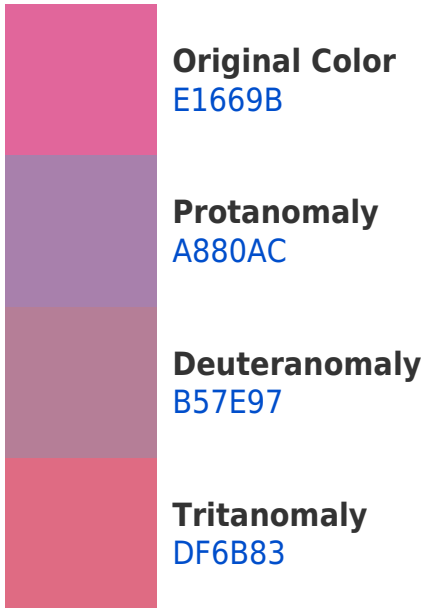
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1669B 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 #E1669B looks like.

```
.text, #text, p{  
    color:#E1669B  
}
```

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 #E1669B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1669B
}
```

## Border

The CSS property to change the border of an element to Hex E1669B 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
#E1669B }
```

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

```
.border{ border-color:#E1669B }
```

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

Here you see how a box with a 4 pixel #E1669B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1669B; -webkit-box-shadow:4px 4px  
4px 4px #E1669B; box-shadow:4px 4px 4px  
4px #E1669B }
```

# Background

The CSS property to change the background color of an element to Hex E1669B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1669B }
```

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

```
.background{ background-color:#E1669B }
```

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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