

Converting Colors

Hex(E64587)

Have a look what the booklet for
Hex(E64587) contains.

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Color

Hex(E64587)

Conversions

Conversions Part 1

Format	Color
Hex	E64587
RGB	230, 69, 135
RGB Percent	90%, 27%, 53%
CMY	0.0980, 0.7294, 0.4706
CMYK	0.00, 0.70, 0.41, 0.10
HSL	335°, 76%, 59%
HSV	335°, 70%, 90%
XYZ	39.1344, 22.8285, 25.2654
YIQ	124.6630, 74.7700, 54.6580

Conversions

Conversions Part 2

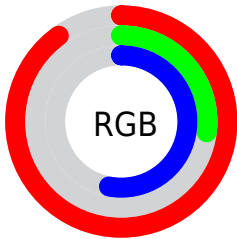
Format	Color
R_{YB}	230, 69, 135
Decimal	15091079
CIE _{Lab}	54.90, 66.39, -0.67
CIE _{LCh}	55, 66.392, 359.425
Yxy	22.8285, 0.4486, 0.2617
Android (android.graphics.Color)	4293281159 (0xFFE64587)
YUV	124.6630, 5.0961, 92.3805
Hunter-Lab	47.7792, 62.5901, 2.0932

Details

The Hex color **E64587** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **45E6A4**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF80BC**, and **A90056** is the 20% darker color. If you saturate the color by 10%, you get **E62E79**, and if you desaturate by 10%, it is **E65C95**.

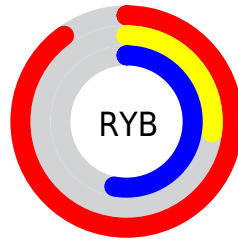
Distribution



Red (90%)

Green (27%)

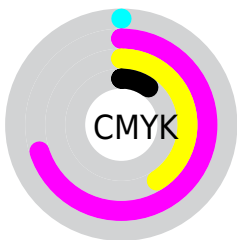
Blue (53%)



Red (90%)

Yellow (27%)

Blue (53%)

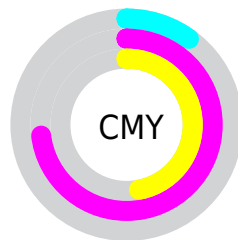


Cyan (0%)

Magenta (70%)

Yellow (41%)

Black (10%)



Cyan (10%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E64587 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 E64587 by changing the saturation by 10% instead.

 E64587

 E64587

FFFFFF

 C7226E

 FF80BC

 A90056

 FF9DD8

 8C003F

 FFBAF4

 6E0029

 FFD7FF

 510015

 FFF5FF

 350002

 030000

 000000

 E64587

 E64587

 E62E79

 E65C95

 E6176C

 E673A2

 E6005E

 E68AB0

 E6A1BD

 E6B8CB

 E6CFD8

 E6E6E6

 E6FDF4

 E6FFFF

Harmonies

Analogous

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



C658BF



E64587



E54F4F

Triad

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



E64587



669002



0098E6

Complementary

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



E64587



45E6A4

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.



009DBB



E64587



009945

Square

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



E64587



9F8000



009D80



008BF7

Rectangle

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



E64587



D6602B



009D80



009ADA

Sweetspot

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



E64587



FFC9DF



A345E6



80606D



000000



808080

Same Dimension

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



E64587



FF2981



E65245



73676C



B30049



330015

Inverse Universe

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



E64587



FF2981



45D9E6



73676C



B30049



330015

Previews

White Background



This preview shows how the Hex color E64587 looks on a white background.

Color Contrast Check

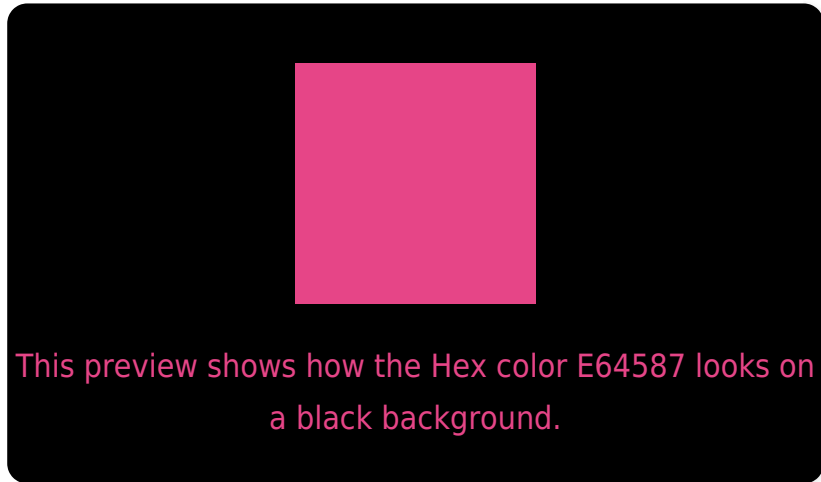
Large Text (above 18pt) WCAG AA ✓ Pass

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 E64587 Background



This preview shows how black text looks on a background with the Hex color E64587.




This preview shows how white text looks on a background with the Hex color E64587.

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





Tritanopia
E35156

Trichromacy



Original Color
E64587



Protanomaly
A06C9F



Deuteranomaly
B16A82

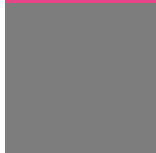


Tritanomaly
E44D68

Monochromacy



Original Color
E64587



Achromatopsia
7D7D7D



Achromatomaly
A36981

CSS Examples

Text

The CSS property to change the color of the text to Hex E64587 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 #E64587 looks like.

```
.text, #text, p{  
    color:#E64587  
}
```

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 #E64587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64587
}
```

Border

The CSS property to change the border of an element to Hex E64587 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
#E64587 }
```

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

```
.border{ border-color:#E64587 }
```

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

Here you see how a box with a 4 pixel #E64587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64587; -webkit-box-shadow:4px 4px  
4px 4px #E64587; box-shadow:4px 4px 4px  
4px #E64587 }
```

Background

The CSS property to change the background color of an element to Hex E64587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64587 }
```

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

```
.background{ background-color:#E64587 }
```

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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