

# Converting Colors

Hex(E566A4)

Have a look what the booklet for  
Hex(E566A4) contains.

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# **Color**

**Hex(E566A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E566A4
RGB	229, 102, 164
RGB Percent	90%, 40%, 64%
CMY	0.1020, 0.6000, 0.3569
CMYK	0.00, 0.55, 0.28, 0.10
HSL	331°, 71%, 65%
HSV	331°, 55%, 90%
XYZ	43.7653, 28.8411, 38.3822
YIQ	147.0410, 55.7900, 46.2060

# Conversions

## Conversions Part 2

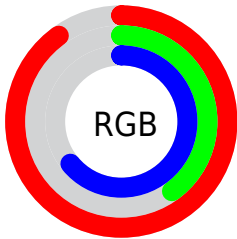
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 102, 164
Decimal	15034020
CIE Lab	60.64, 55.75, -9.14
CIE LCh	61, 56.496, 350.688
Yxy	28.8411, 0.3943, 0.2599
Android (android.graphics.Color)	4293224100 (0xFFE566A4)
YUV	147.0410, 8.3608, 71.8780
Hunter-Lab	53.7039, 51.4845, -4.7818

# Details

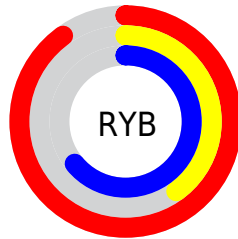
The Hex color **E566A4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66E5A7**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9DDB**, and **AA2D70** is the 20% darker color. If you saturate the color by 10%, you get **E54F98**, and if you desaturate by 10%, it is **E57DB0**.

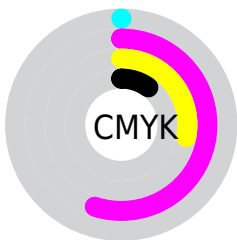
# Distribution



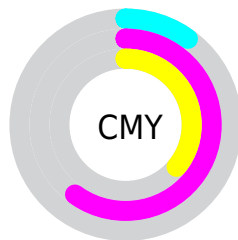
- Red (90%)
- Green (40%)
- Blue (64%)



- Red (90%)
- Yellow (40%)
- Blue (64%)



- Cyan (0%)
- Magenta (55%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (60%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E566A4 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 E566A4 by changing the saturation by 10% instead.



 E566A4

 E566A4

FFFFFF

 C74A8A

 FF9DDB

 AA2D70

 FFBAF7

 8E0458

 FFD7FF

 710041

 FFF4FF

 56002B

 3D0017

 1D0001

 000000

 E566A4

 E566A4

 E54F98

 E57DB0

 E5388D

 E594BB

 E52181

 E5ABC7

 E50A75

 E5C2D3

 E50070

 E5D9DF

 E5EFEA

 E5FFF6

 E5FFFF

# Harmonies

## Analogous

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



C076D2



E566A4



ED6772

# Triad

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



E566A4



8B9A2C



00A6DF

# Complementary

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



E566A4



66E5A7

# 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.



00AAB4



E566A4



4EA450

# Square

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



E566A4



BA8A29



00A980



009CF5

# Rectangle

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



E566A4



E47054



00A980



00A8D2



# Sweetspot

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



E566A4



FFD4E9



A666E5



806672



000000



808080



# Same Dimension

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



E566A4



FF54A8



E56666



73676D



B30057



330019



# Inverse Universe

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



E566A4



FF54A8



66E5E5



73676D



B30057



330019



# Previews

## White Background



This preview shows how the Hex color E566A4 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 E566A4 Background



This preview shows how black text looks on a background with the Hex color E566A4.



This preview shows how white text looks on a background with the Hex color E566A4.

# 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**  
E16F77

# Trichromacy



**Original Color**  
E566A4



**Protanomaly**  
A981B6



**Deuteranomaly**  
B77FA0



**Tritanomaly**  
E26C87

# Monochromacy



**Original Color**  
E566A4



**Achromatopsia**  
939393



**Achromatomaly**  
B18399

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E566A4 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 #E566A4 looks like.

```
.text, #text, p{  
  color:#E566A4  
}
```

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 #E566A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E566A4
}
```

## Border

The CSS property to change the border of an element to Hex E566A4 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
#E566A4 }
```

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

```
.border{ border-color:#E566A4 }
```

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

Here you see how a box with a 4 pixel #E566A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E566A4; -webkit-box-shadow:4px 4px  
4px 4px #E566A4; box-shadow:4px 4px 4px  
4px #E566A4 }
```

# Background

The CSS property to change the background color of an element to Hex E566A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E566A4 }
```

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

```
.background{ background-color:#E566A4 }
```

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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