

Converting Colors

Hex(E566A6)

Have a look what the booklet for
Hex(E566A6) contains.

Hex(E566A6)	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(E566A6)

Conversions

Conversions Part 1

Format	Color
Hex	E566A6
RGB	229, 102, 166
RGB Percent	90%, 40%, 65%
CMY	0.1020, 0.6000, 0.3490
CMYK	0.00, 0.55, 0.28, 0.10
HSL	330°, 71%, 65%
HSV	330°, 55%, 90%
XYZ	43.9474, 28.9139, 39.3411
YIQ	147.2690, 55.1480, 46.8280

Conversions

Conversions Part 2

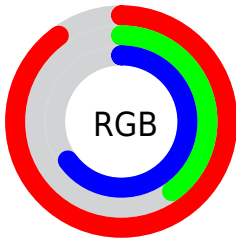
Format	Color
R _Y B	229, 102, 166
Decimal	15034022
CIE Lab	60.71, 56.01, -10.20
CIE LCh	61, 56.929, 349.681
Yxy	28.9139, 0.3917, 0.2577
Android (android.graphics.Color)	4293224102 (0xFFE566A6)
YUV	147.2690, 9.2344, 71.6781
Hunter-Lab	53.7717, 51.7870, -5.7383

Details

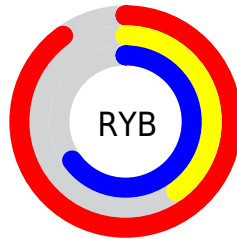
The Hex color **E566A6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **66E5A5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9DDD**, and **AA2D72** is the 20% darker color. If you saturate the color by 10%, you get **E54F9B**, and if you desaturate by 10%, it is **E57DB1**.

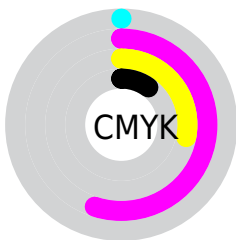
Distribution



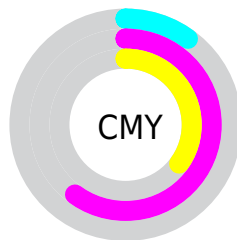
- Red (90%)
- Green (40%)
- Blue (65%)



- Red (90%)
- Yellow (40%)
- Blue (65%)



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



- Cyan (10%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color E566A6 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 E566A6 by changing the saturation by 10% instead.

 E566A6

 E566A6

FFFFFF

 C74A8C

 FF9DDD

 AA2D72

 FFBAFA

 8E045A

 FFD7FF

 710042

 FFF4FF

 56002C

 3D0018

 1D0001

 000000

 E566A6

 E566A6

 E54F9B

 E57DB1

 E5388F

 E594BD

 E52184

 E5ABC8

 E50A79

 E5C2D3

 E50073

 E5D9DF

 E5EFEA

 E5FFF6

 E5FFFF

Harmonies

Analogous

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



BE77D4



E566A6



EE6674

Triad

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



E566A6



8D9A2B



00A7DE

Complementary

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



E566A6



66E5A5

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.



00ABB3



E566A6



50A44E

Square

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



E566A6



BC8A28



00AA7F



009DF5

Rectangle

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



E566A6



E67055



00AA7F



00A9D1

Sweetspot

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



E566A6



FFD4E9



A366E5



806673



000000



808080

Same Dimension

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



E566A6



FF54AA



E56668



73676D



B3005A



33001A

Inverse Universe

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



E566A6



FF54AA



66E5E3



73676D



B3005A



33001A

Previews

White Background



This preview shows how the Hex color E566A6 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 E566A6 Background



This preview shows how black text looks on a background with the Hex color E566A6.



This preview shows how white text looks on a background with the Hex color E566A6.

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
E17078

Trichromacy



Original Color
E566A6



Protanomaly
A881B8



Deuteranomaly
B680A2

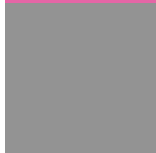


Tritanomaly
E26C89

Monochromacy



Original Color
E566A6



Achromatopsia
939393



Achromatomaly
B1839A

CSS Examples

Text

The CSS property to change the color of the text to Hex E566A6 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 #E566A6 looks like.

```
.text, #text, p{  
    color:#E566A6  
}
```

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 #E566A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E566A6
}
```

Border

The CSS property to change the border of an element to Hex E566A6 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
#E566A6 }
```

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

```
.border{ border-color:#E566A6 }
```

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

Here you see how a box with a 4 pixel #E566A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E566A6; -webkit-box-shadow:4px 4px  
4px 4px #E566A6; box-shadow:4px 4px 4px  
4px #E566A6 }
```

Background

The CSS property to change the background color of an element to Hex E566A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E566A6 }
```

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

```
.background{ background-color:#E566A6 }
```

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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