

Converting Colors

Hex(EA65A1)

Have a look what the booklet for
Hex(EA65A1) contains.

Hex(EA65A1)	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(EA65A1)

Conversions

Conversions Part 1

Format	Color
Hex	EA65A1
RGB	234, 101, 161
RGB Percent	92%, 40%, 63%
CMY	0.0824, 0.6039, 0.3686
CMYK	0.00, 0.57, 0.31, 0.08
HSL	333°, 76%, 66%
HSV	333°, 57%, 92%
XYZ	45.0184, 29.3730, 37.0150
YIQ	147.6070, 60.0080, 46.8560

Conversions

Conversions Part 2

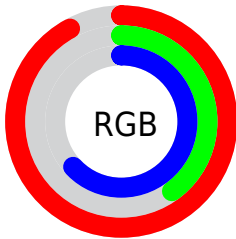
Format	Color
R_{YB}	234, 101, 161
Decimal	15361441
CIE _{Lab}	61.11, 57.38, -6.64
CIE _{LCh}	61, 57.765, 353.403
Yxy	29.3730, 0.4041, 0.2637
Android (android.graphics.Color)	4293551521 (0xFFEA65A1)
YUV	147.6070, 6.6027, 75.7667
Hunter-Lab	54.1969, 53.4258, -2.5557

Details

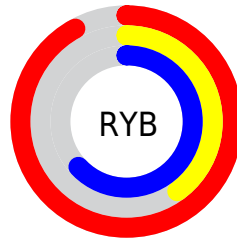
The Hex color **EA65A1** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65EAAE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9DD8**, and **AF2B6E** is the 20% darker color. If you saturate the color by 10%, you get **EA4E94**, and if you desaturate by 10%, it is **EA7CAE**.

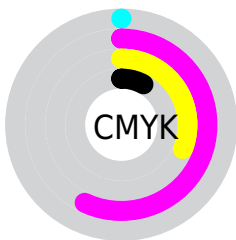
Distribution



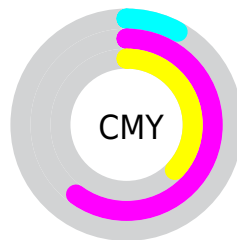
- Red (92%)
- Green (40%)
- Blue (63%)



- Red (92%)
- Yellow (40%)
- Blue (63%)



- Cyan (0%)
- Magenta (57%)
- Yellow (31%)
- Black (8%)



- Cyan (8%)
- Magenta (60%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA65A1 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 EA65A1 by changing the saturation by 10% instead.

 EA65A1

 EA65A1

FFFFFF

 CC4987

 FF9DD8

 AF2B6E

 FFB9F4

 920055

 FFD6FF

 75003E

 FFF3FF

 590028

 400014

 210001

 000000

 EA65A1

 EA65A1

 EA4E94

 EA7CAE

 EA3687

 EA94BB

 EA1F7A

 EAABC8

 EA076E

 EAC3D4

 EA006A

 EADAE1

 EAF1EE

 EAFFFB

 EAFFFF

Harmonies

Analogous

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



C775D1



EA65A1



F0676E

Triad

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



EA65A1



879D2D



00A7E5

Complementary

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



EA65A1



65EAAE

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.



00ACBB



EA65A1



45A753

Square

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



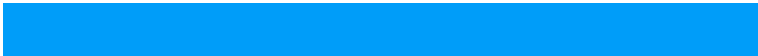
EA65A1



B88D25



00AB86



009DF9

Rectangle

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



EA65A1



E5724F



00AB86



00AAD9

Sweetspot

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



EA65A1



FFD4E7



AC65EA



806672



000000



808080

Same Dimension

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



EA65A1



FF52A0



EA6965



756A6F



B50052



360018

Inverse Universe

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



EA65A1



FF52A0



65E6EA



756A6F



B50052



360018

Previews

White Background



This preview shows how the Hex color EA65A1 looks on a white background.

Color Contrast Check

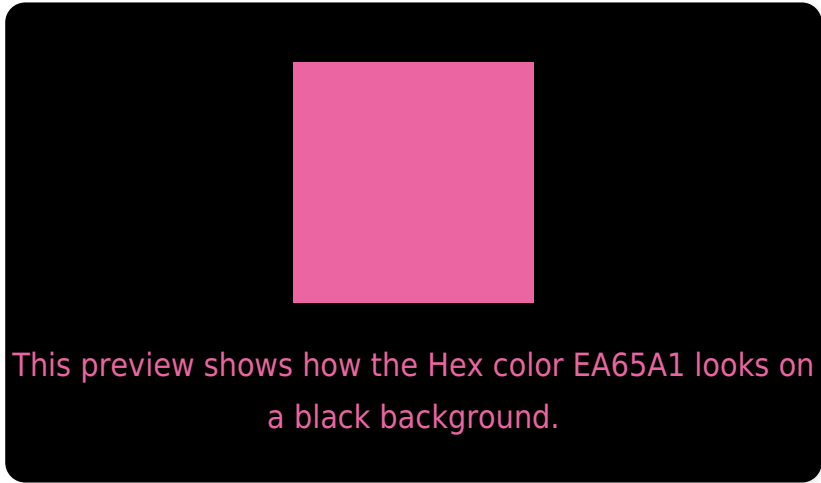
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA65A1 Background



This preview shows how black text looks on a background with the Hex color EA65A1.



This preview shows how white text looks on a background with the Hex color EA65A1.

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
E66E76

Trichromacy



Original Color
EA65A1



Protanomaly
AC82B4



Deuteranomaly
BA809D



Tritanomaly
E76B86

Monochromacy



Original Color
EA65A1



Achromatopsia
949494



Achromatomaly
B38399

CSS Examples

Text

The CSS property to change the color of the text to Hex EA65A1 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 #EA65A1 looks like.

```
.text, #text, p{  
    color:#EA65A1  
}
```

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 #EA65A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA65A1
}
```

Border

The CSS property to change the border of an element to Hex EA65A1 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
#EA65A1 }
```

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

```
.border{ border-color:#EA65A1 }
```

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

Here you see how a box with a 4 pixel #EA65A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA65A1; -webkit-box-shadow:4px 4px  
4px 4px #EA65A1; box-shadow:4px 4px 4px  
4px #EA65A1 }
```

Background

The CSS property to change the background color of an element to Hex EA65A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA65A1 }
```

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

```
.background{ background-color:#EA65A1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor