

Converting Colors

Hex(E61EB4)

Have a look what the booklet for
Hex(E61EB4) contains.

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Color

Hex(E61EB4)

Conversions

Conversions Part 1

Format	Color
Hex	E61EB4
RGB	230, 30, 180
RGB Percent	90%, 12%, 71%
CMY	0.0980, 0.8824, 0.2941
CMYK	0.00, 0.87, 0.22, 0.10
HSL	315°, 80%, 51%
HSV	315°, 87%, 90%
XYZ	41.3356, 21.0468, 45.0638
YIQ	106.9000, 71.0500, 89.0500

Conversions

Conversions Part 2

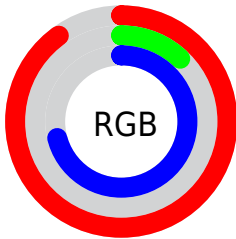
Format	Color
R_{YB}	230, 30, 180
Decimal	15081140
CIE _{Lab}	53.00, 81.40, -30.08
CIE _{LCh}	53, 86.782, 339.720
Yxy	21.0468, 0.3847, 0.1959
Android (android.graphics.Color)	4293271220 (0xFFE61EB4)
YUV	106.9000, 36.0383, 107.9587
Hunter-Lab	45.8768, 80.5464, -26.1255

Details

The Hex color **E61EB4** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **1EE650**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF69EC**, and **AA007F** is the 20% darker color. If you saturate the color by 10%, you get **E607AE**, and if you desaturate by 10%, it is **E635BA**.

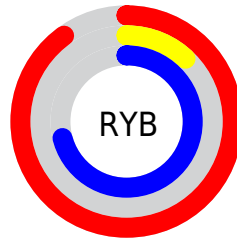
Distribution



Red (90%)

Green (12%)

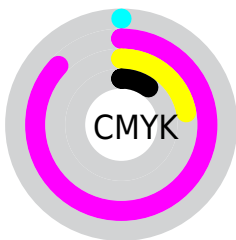
Blue (71%)



Red (90%)

Yellow (12%)

Blue (71%)

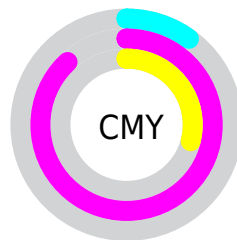


Cyan (0%)

Magenta (87%)

Yellow (22%)

Black (10%)



Cyan (10%)

Magenta (88%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color E61EB4 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 E61EB4 by changing the saturation by 10% instead.

 E61EB4

 E61EB4

FFFFFF

 C80099

 FF69EC

 AA007F

 FF88FF

 8C0065

 FFA6FF

 6F004D

 FFC4FF

 520036

 FFE2FF

 360020

 120002

 000000

 E61EB4

 E61EB4

 E607AE

 E635BA

 E600AD

 E64CC0

 E663C5

 E67ACB

 E691D1

 E6A8D7

 E6BFDC

 E6D6E2

 E6EDE8

Harmonies

Analogous

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



9A5CF3



E61EB4



FD006A

Triad

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



E61EB4



848300



009CDD

Complementary

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



E61EB4



1EE650

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.



009D96



E61EB4



229300

Square

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



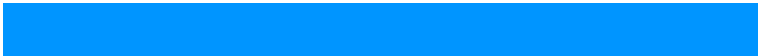
E61EB4



C26700



009A47



0095FF

Rectangle

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



E61EB4



F6223A



009A47



009DC7

Sweetspot

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



E61EB4



FFBDEE



501EE6



805876



000000



808080

Same Dimension

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



E61EB4



FF00BF



E61E50



736770



B30086



330026

Inverse Universe

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



E61EB4



FF00BF



1EE6B4



736770



B30086



330026

Previews

White Background



This preview shows how the Hex color E61EB4 looks on a white background.

Color Contrast Check

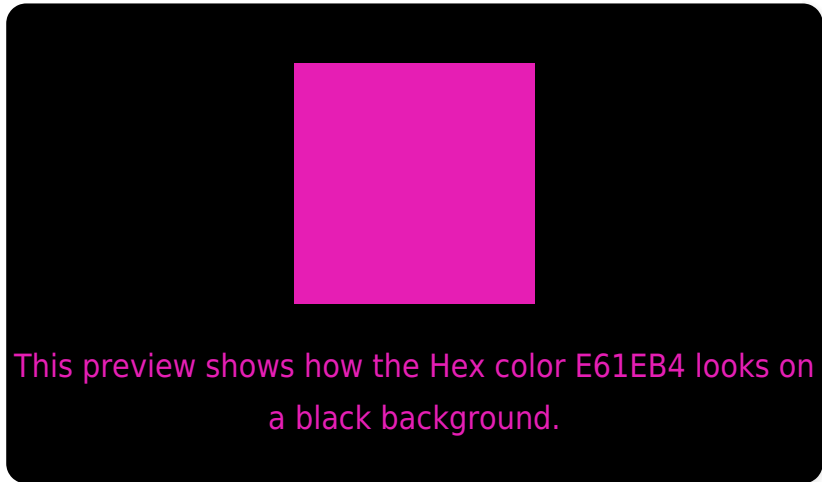
Large Text (above 18pt) WCAG AA ✓ Pass

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 E61EB4 Background



This preview shows how black text looks on a background with the Hex color E61EB4.

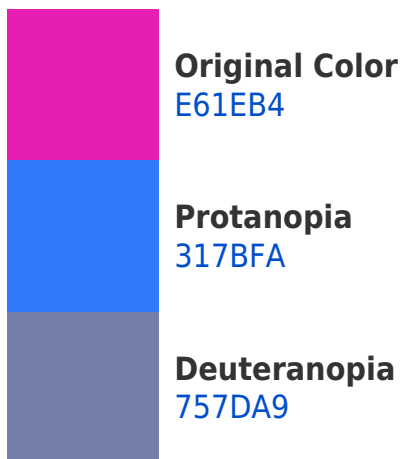


This preview shows how white text looks on a background with the Hex color E61EB4.

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
DE4B4F

Trichromacy



Original Color
E61EB4



Protanomaly
7359E1



Deuteranomaly
9E5AAD



Tritanomaly
E13B74

Monochromacy



Original Color
E61EB4



Achromatopsia
6B6B6B



Achromatomaly
984F86

CSS Examples

Text

The CSS property to change the color of the text to Hex E61EB4 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 #E61EB4 looks like.

```
.text, #text, p{  
  color:#E61EB4  
}
```

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 #E61EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E61EB4
}
```

Border

The CSS property to change the border of an element to Hex E61EB4 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
#E61EB4 }
```

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

```
.border{ border-color:#E61EB4 }
```

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

Here you see how a box with a 4 pixel #E61EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E61EB4; -webkit-box-shadow:4px 4px  
4px 4px #E61EB4; box-shadow:4px 4px 4px  
4px #E61EB4 }
```

Background

The CSS property to change the background color of an element to Hex E61EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E61EB4 }
```

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

```
.background{ background-color:#E61EB4 }
```

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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