

Converting Colors

Hex(E46DA2)

Have a look what the booklet for
Hex(E46DA2) contains.

Hex(E46DA2)	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(E46DA2)

Conversions

Conversions Part 1

Format	Color
Hex	E46DA2
RGB	228, 109, 162
RGB Percent	89%, 43%, 64%
CMY	0.1059, 0.5725, 0.3647
CMYK	0.00, 0.52, 0.29, 0.11
HSL	333°, 69%, 66%
HSV	333°, 52%, 89%
XYZ	43.9851, 30.0399, 37.6624
YIQ	150.6230, 53.9110, 41.7110

Conversions

Conversions Part 2

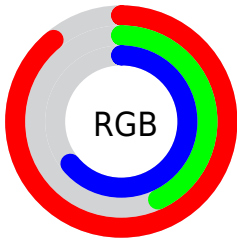
Format	Color
R _Y B	228, 109, 162
Decimal	14970274
CIE Lab	61.69, 51.88, -6.45
CIE LCh	62, 52.280, 352.916
Yxy	30.0399, 0.3938, 0.2690
Android (android.graphics.Color)	4293160354 (0xFFE46DA2)
YUV	150.6230, 5.6089, 67.8596
Hunter-Lab	54.8087, 47.3349, -2.3758

Details

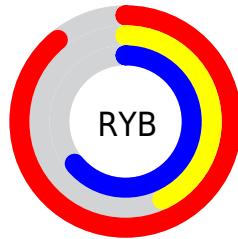
The Hex color **E46DA2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6DE4AF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA4D9**, and **A9366E** is the 20% darker color. If you saturate the color by 10%, you get **E45695**, and if you desaturate by 10%, it is **E484AF**.

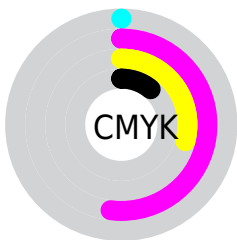
Distribution



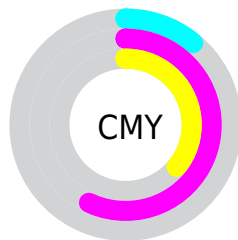
- Red (89%)
- Green (43%)
- Blue (64%)



- Red (89%)
- Yellow (43%)
- Blue (64%)



- Cyan (0%)
- Magenta (52%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color E46DA2 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 E46DA2 by changing the saturation by 10% instead.

 E46DA2

 E46DA2

FFFFFF

 C65288

 FFA4D9

 A9366E

 FFC0F5

 8D1756

 FFDDFF

 71003F

 FFFAFF

 560029

 3C0015

 1E0001

 000000

 E46DA2

 E46DA2

 E45695

 E484AF

 E43F89

 E49BBB

 E4297C

 E4B1C8

 E4126F

 E4C8D5

 E40066

 E4DFE1

 E4F6EE

 E4FFFB

 E4FFFF

Harmonies

Analogous

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



C37ACD



E46DA2



EA6F74

Triad

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



E46DA2



8C9D3A



00A7DE

Complementary

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



E46DA2



6DE4AF

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.



00ACB8



E46DA2



53A75B

Square

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



E46DA2



B88F35



00AB88



009DF1

Rectangle

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



E46DA2



E17758



00AB88



00A9D3

Sweetspot

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



E46DA2



FFD6E8



AE6DE4



806772



000000



808080

Same Dimension

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



E46DA2



FF5EA6



E4736D



73676C



B30050



330017

Inverse Universe

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



E46DA2



FF5EA6



6DDEE4



73676C



B30050



330017

Previews

White Background



This preview shows how the Hex color E46DA2 looks on a white background.

Color Contrast Check

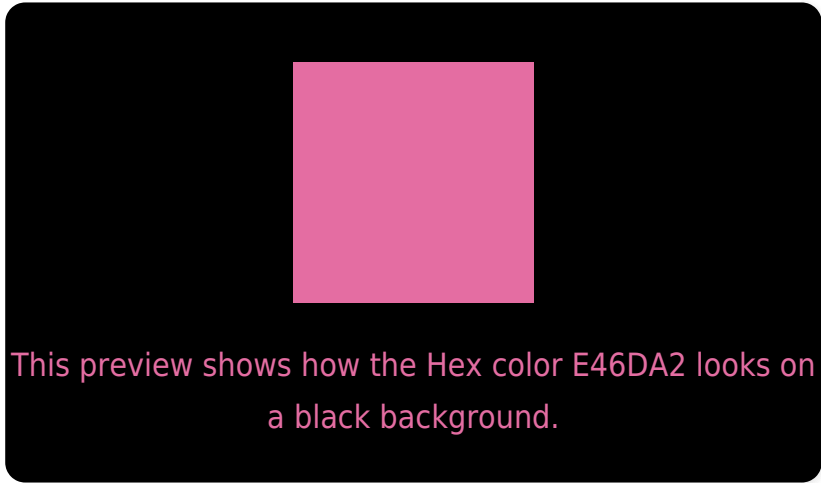
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E46DA2 Background



This preview shows how black text looks on a background with the Hex color E46DA2.



This preview shows how white text looks on a background with the Hex color E46DA2.

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
E1747D

Trichromacy



Original Color
E46DA2



Protanomaly
AC86B2



Deuteranomaly
B9849E

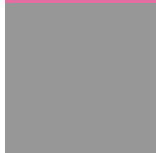


Tritanomaly
E2718A

Monochromacy



Original Color
E46DA2



Achromatopsia
979797



Achromatomaly
B3889B

CSS Examples

Text

The CSS property to change the color of the text to Hex E46DA2 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 #E46DA2 looks like.

```
.text, #text, p{  
    color:#E46DA2  
}
```

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 #E46DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E46DA2
}
```

Border

The CSS property to change the border of an element to Hex E46DA2 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
#E46DA2 }
```

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

```
.border{ border-color:#E46DA2 }
```

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

Here you see how a box with a 4 pixel #E46DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E46DA2; -webkit-box-shadow:4px 4px  
4px 4px #E46DA2; box-shadow:4px 4px 4px  
4px #E46DA2 }
```

Background

The CSS property to change the background color of an element to Hex E46DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E46DA2 }
```

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

```
.background{ background-color:#E46DA2 }
```

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