

# Converting Colors

Hex(E62274)

Have a look what the booklet for  
Hex(E62274) contains.

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**Color**

**Hex(E62274)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E62274
RGB	230, 34, 116
RGB Percent	90%, 13%, 45%
CMY	0.0980, 0.8667, 0.5451
CMYK	0.00, 0.85, 0.50, 0.10
HSL	335°, 80%, 52%
HSV	335°, 85%, 90%
XYZ	36.3575, 19.2280, 18.3181
YIQ	101.9520, 90.4940, 67.0540

# Conversions

## Conversions Part 2

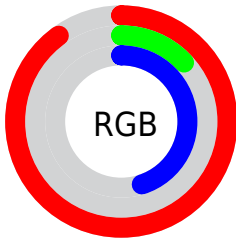
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 34, 116
Decimal	15082100
CIE <sub>Lab</sub>	50.95, 74.37, 5.03
CIE <sub>LCh</sub>	51, 74.537, 3.867
Yxy	19.2280, 0.4920, 0.2602
Android (android.graphics.Color)	4293272180 (0xFFE62274)
YUV	101.9520, 6.9257, 112.2981
Hunter-Lab	43.8497, 71.2643, 5.9266

# Details

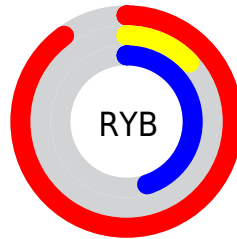
The Hex color **E62274** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22E694**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF68A8**, and **A80044** is the 20% darker color. If you saturate the color by 10%, you get **E60B67**, and if you desaturate by 10%, it is **E63981**.

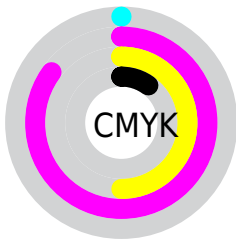
# Distribution



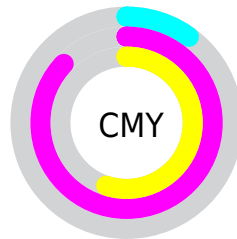
- Red (90%)
- Green (13%)
- Blue (45%)



- Red (90%)
- Yellow (13%)
- Blue (45%)



- Cyan (0%)
- Magenta (85%)
- Yellow (50%)
- Black (10%)



- Cyan (10%)
- Magenta (87%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E62274 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 E62274 by changing the saturation by 10% instead.



 E62274

 E62274

FFFFFF

 C7005C

 FF68A8

 A80044

 FF87C3

 89002F

 FFA4DF

 6B001A

 FFC2FB

 4F0004

 FFE0FF

 2F0002

FFFEFF

 000000

 E62274

 E62274

 E60B67

 E63981

 E60060

 E6508F

 E6679C

 E67EAA

 E695B7

 E6ACC4

 E6C3D2

 E6DADF

 E6F1EC

# Harmonies

## Analogous

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



CA3EB3



E62274



DF3C36

# Triad

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



E62274



488900



008EEC

# Complementary

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



E62274



22E694

# 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.



0094BF



E62274



00913D

# Square

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



E62274



8C7A00



009480



007FFA

# Rectangle

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



E62274



CB5502



009480



0091E0



# Sweetspot

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



E62274



FFBDD8



9122E6



805869



000000



808080



# Same Dimension

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



E62274



FF006B



E62F22



73676C



B3004B



330015



# Inverse Universe

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



E62274



FF006B



22D9E6



73676C



B3004B



330015



# Previews

## White Background



This preview shows how the Hex color E62274 looks on a white background.

## Color Contrast Check

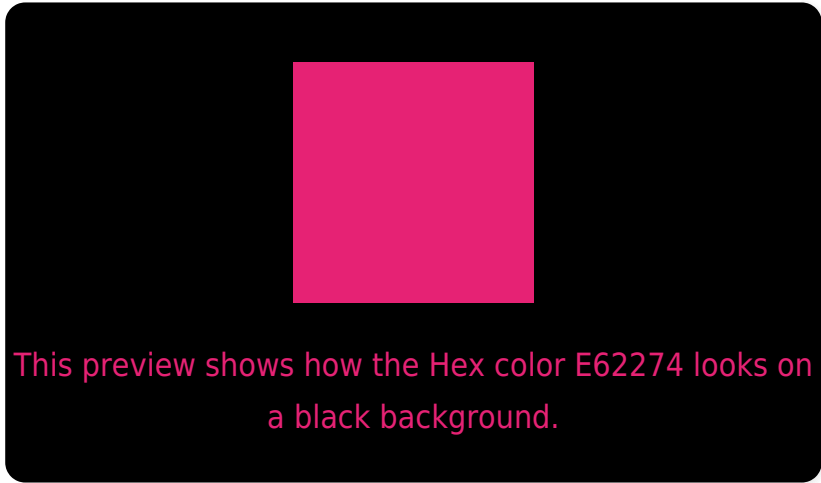
Large Text (above 18pt) WCAG AA ✓ Pass

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 E62274 Background



This preview shows how black text looks on a background with the Hex color E62274.

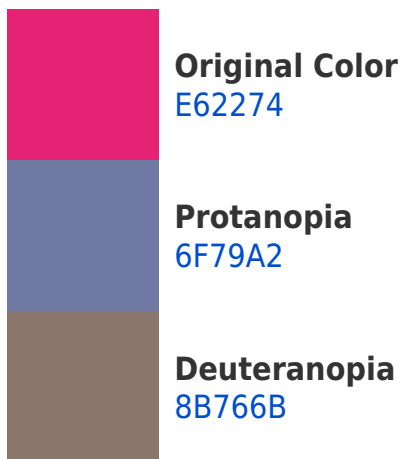



This preview shows how white text looks on a background with the Hex color E62274.

# 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**  
E33638

# Trichromacy



**Original Color**  
E62274



**Protanomaly**  
9A5991



**Deuteranomaly**  
AC576E



**Tritanomaly**  
E42F4E

# Monochromacy



**Original Color**  
E62274



**Achromatopsia**  
666666



**Achromatomaly**  
954D6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E62274 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 #E62274 looks like.

```
.text, #text, p{  
    color:#E62274  
}
```

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 #E62274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E62274
}
```

## Border

The CSS property to change the border of an element to Hex E62274 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
#E62274 }
```

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

```
.border{ border-color:#E62274 }
```

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

Here you see how a box with a 4 pixel #E62274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E62274; -webkit-box-shadow:4px 4px  
4px 4px #E62274; box-shadow:4px 4px 4px  
4px #E62274 }
```

# Background

The CSS property to change the background color of an element to Hex E62274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E62274 }
```

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

```
.background{ background-color:#E62274 }
```

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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