

# Converting Colors

Hex(E62074)

Have a look what the booklet for  
Hex(E62074) contains.

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**Color**

**Hex(E62074)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E62074
RGB	230, 32, 116
RGB Percent	90%, 13%, 45%
CMY	0.0980, 0.8745, 0.5451
CMYK	0.00, 0.86, 0.50, 0.10
HSL	335°, 80%, 51%
HSV	335°, 86%, 90%
XYZ	36.3020, 19.1170, 18.2996
YIQ	100.7780, 91.0440, 68.1000

# Conversions

## Conversions Part 2

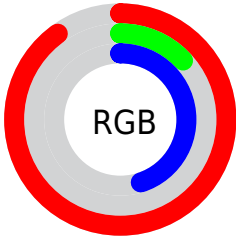
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 32, 116
Decimal	15081588
CIE <sub>Lab</sub>	50.82, 74.74, 4.84
CIE <sub>LCh</sub>	51, 74.895, 3.707
Yxy	19.1170, 0.4924, 0.2593
Android (android.graphics.Color)	4293271668 (0xFFE62074)
YUV	100.7780, 7.5044, 113.3277
Hunter-Lab	43.7230, 71.6887, 5.7911

# Details

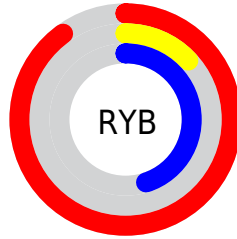
The Hex color **E62074** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **20E692**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF67A8**, and **A80044** is the 20% darker color. If you saturate the color by 10%, you get **E60967**, and if you desaturate by 10%, it is **E63781**.

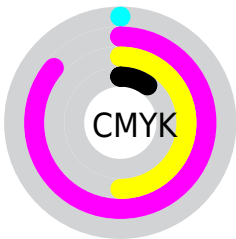
# Distribution



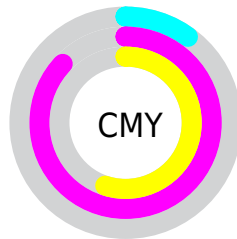
- Red (90%)
- Green (13%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (86%)
- Yellow (50%)
- Black (10%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E62074 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 E62074 by changing the saturation by 10% instead.



 E62074

 E62074

FFFFFF

 C7005C

 FF67A8

 A80044

 FF86C3

 89002F

 FFA3DF

 6B001A

 FFC1FB

 4F0004

 FFDFFF

 2E0002

 FFFDFF

 000000

 E62074

 E62074

 E60967

 E63781

 E60062

 E64E8E

 E6659C

 E67CA9

 E693B6

 E6AAC3

 E6C1D1

 E6D8DE

 E6EFEB

# Harmonies

## Analogous

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



CA3DB3



E62074



DF3B36

# Triad

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



E62074



488900



008EEC

# Complementary

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



E62074



20E692

# 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



E62074



00913C

# Square

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



E62074



8C7900



009480



007FFA

# Rectangle

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



E62074



CB5401



009480



0091E0



# Sweetspot

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



E62074



FFBDD9



9020E6



805869



000000



808080



# Same Dimension

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



E62074



FF006C



E62D20



73676C



B3004C



330016



# Inverse Universe

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



E62074



FF006C



20D9E6



73676C



B3004C



330016



# Previews

## White Background



This preview shows how the Hex color E62074 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 E62074 Background



This preview shows how black text looks on a background with the Hex color E62074.



This preview shows how white text looks on a background with the Hex color E62074.

# 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



**Original Color**  
E62074

**Protanopia**  
6E78A3

**Deuteranopia**  
8B756B



**Tritanopia**  
E33537

# Trichromacy



**Original Color**  
E62074



**Protanomaly**  
9A5892



**Deuteranomaly**  
AC566E



**Tritanomaly**  
E42D4D

# Monochromacy



**Original Color**  
E62074



**Achromatopsia**  
656565



**Achromatomaly**  
944C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E62074 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 #E62074 looks like.

```
.text, #text, p{  
    color:#E62074  
}
```

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 #E62074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E62074  
}
```

## Border

The CSS property to change the border of an element to Hex E62074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

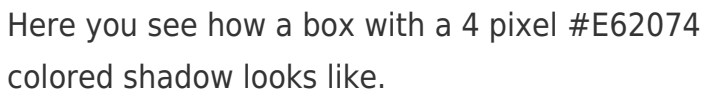
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E62074 }
```

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

```
.border{ border-color:#E62074 }
```

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



Here you see how a box with a 4 pixel #E62074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E62074; -webkit-box-shadow:4px 4px  
4px 4px #E62074; box-shadow:4px 4px 4px  
4px #E62074 }
```

# Background

The CSS property to change the background color of an element to Hex E62074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E62074 }
```

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

```
.background{ background-color:#E62074 }
```

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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