

# Converting Colors

Hex(EC2B62)

Have a look what the booklet for  
Hex(4C2B62) contains.

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# Color

Hex(**EC2B62**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC2B62
RGB	236, 43, 98
RGB Percent	93%, 17%, 38%
CMY	0.0745, 0.8314, 0.6157
CMYK	0.00, 0.82, 0.58, 0.07
HSL	343°, 84%, 55%
HSV	343°, 82%, 93%
XYZ	37.6606, 20.4425, 13.5161
YIQ	106.9770, 97.3730, 58.0210

# Conversions

## Conversions Part 2

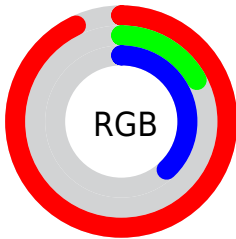
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">236, 43, 98</a>
Decimal	<a href="#">15477602</a>
CIELab	<a href="#">52.33, 72.70, 18.05</a>
CIELCh	<a href="#">52, 74.907, 13.942</a>
Yxy	<a href="#">20.4425, 0.5258, 0.2854</a>
Android (android.graphics.Color)	<a href="#">4293667682 (0xFFEC2B62)</a>
YUV	<a href="#">106.9770, -4.4257, 113.1532</a>
Hunter-Lab	<a href="#">45.2133, 69.5586, 13.9251</a>

# Details

The Hex color **EC2B62** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **2BECB5**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6E94**, and **AD0034** is the 20% darker color. If you saturate the color by 10%, you get **EC1351**, and if you desaturate by 10%, it is **EC4373**.

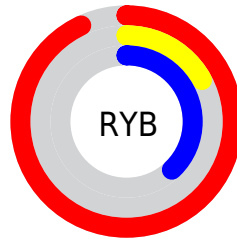
# Distribution



Red (93%)

Green (17%)

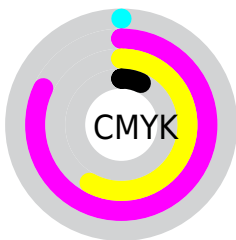
Blue (38%)



Red (93%)

Yellow (17%)

Blue (38%)

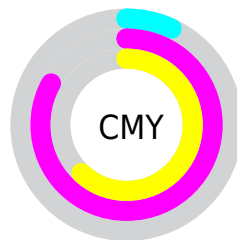


Cyan (0%)

Magenta (82%)

Yellow (58%)

Black (7%)



Cyan (7%)

Magenta (83%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC2B62 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 EC2B62 by changing the saturation by 10% instead.



 EC2B62

 EC2B62

FFFFFF

 CC004A

 FF6E94

 AD0034

 FF8CAF

 8E0020

 FFA9CA

 6F0008

 FFC7E6

 510003

 FFE5FF

 320002

 000000

 EC2B62

 EC2B62

 EC1351

 EC4373

 EC0043

 EC5A84

 EC7295

 EC89A5

 ECA1B6

 ECB9C7

 ECD0D8

 ECE8E9

 ECFFFA

# Harmonies

## Analogous

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



DC35A2



EC2B62



DB4D24

# Triad

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



EC2B62



269006



008EF9

# Complementary

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



EC2B62



2BECB5

# 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.



0097D5



EC2B62



009757

# Square

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



EC2B62



7C8300



00999A



007BFB

# Rectangle

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



EC2B62



C26300



00999A



0092F1



# Sweetspot

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



EC2B62



FFBFD1



B22BEC



805964



000000



808080



# Same Dimension

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



EC2B62



FF054C



EC522B



756A6D



B50034



36000F



# Inverse Universe

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



EC2B62



FF054C



2BC5EC



756A6D



B50034



36000F



# Previews

## White Background



This preview shows how the Hex color EC2B62 looks on a white background.

## Color Contrast Check

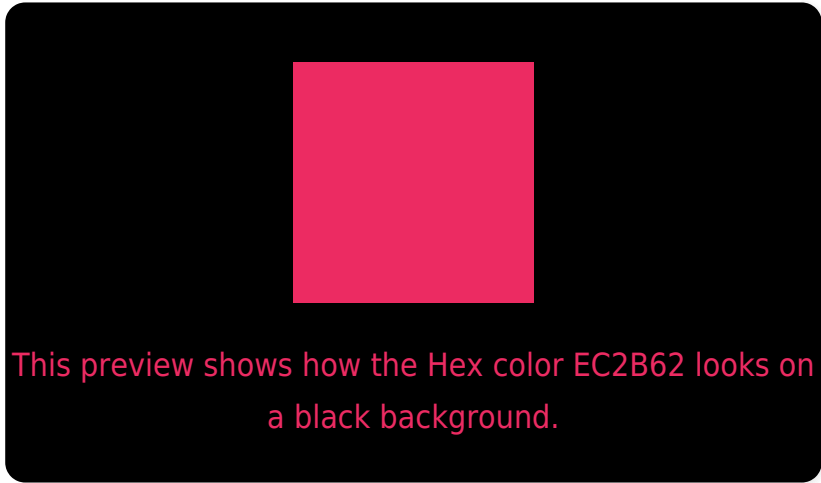
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC2B62 Background



This preview shows how black text looks on a background with the Hex color EC2B62.

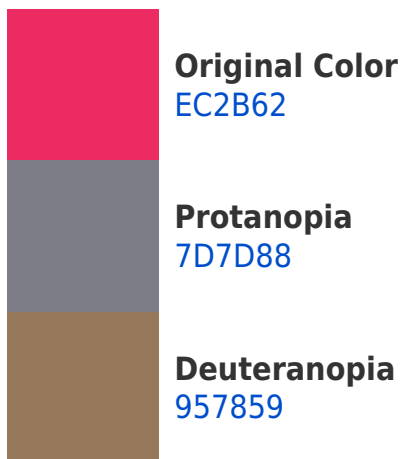


This preview shows how white text looks on a background with the Hex color EC2B62.

# Color Blindness Simulation

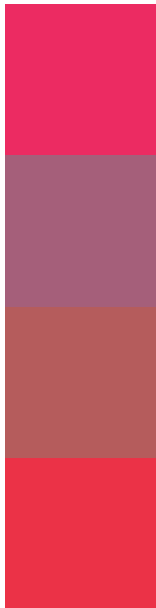
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



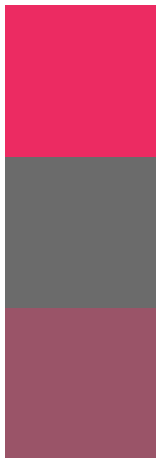
**Original Color**  
EC2B62

**Protanomaly**  
A55F7A

**Deuteranomaly**  
B55C5C

**Tritanomaly**  
EB3247

# Monochromacy



**Original Color**  
EC2B62

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
9A5468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC2B62 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 #EC2B62 looks like.

```
.text, #text, p{  
    color:#EC2B62  
}
```

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 #EC2B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC2B62
}
```

## Border

The CSS property to change the border of an element to Hex EC2B62 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
#EC2B62 }
```

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

```
.border{ border-color:#EC2B62 }
```

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

Here you see how a box with a 4 pixel #EC2B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC2B62; -webkit-box-shadow:4px 4px  
4px 4px #EC2B62; box-shadow:4px 4px 4px  
4px #EC2B62 }
```

# Background

The CSS property to change the background color of an element to Hex EC2B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC2B62 }
```

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

```
.background{ background-color:#EC2B62 }
```

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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