

# Converting Colors

Hex(E20572)

Have a look what the booklet for  
Hex(E20572) contains.

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**Color**

**Hex(E20572)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E20572
RGB	226, 5, 114
RGB Percent	89%, 2%, 45%
CMY	0.1137, 0.9804, 0.5529
CMYK	0.00, 0.98, 0.50, 0.11
HSL	330°, 96%, 45%
HSV	330°, 98%, 89%
XYZ	34.4556, 17.4922, 17.4799
YIQ	83.5050, 96.7270, 80.7510

# Conversions

## Conversions Part 2

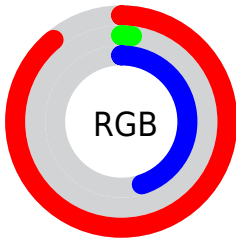
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 5, 114
Decimal	14812530
CIE <sub>Lab</sub>	48.87, 76.88, 3.15
CIE <sub>LCh</sub>	49, 76.948, 2.349
Yxy	17.4922, 0.4963, 0.2519
Android (android.graphics.Color)	4293002610 (0xFFE20572)
YUV	83.5050, 15.0340, 124.9681
Hunter-Lab	41.8237, 73.8621, 4.4967

# Details

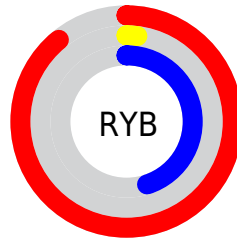
The Hex color **E20572** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **05E275**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5EA6**, and **A40043** is the 20% darker color. If you saturate the color by 10%, you get **E2006F**, and if you desaturate by 10%, it is **E21C7D**.

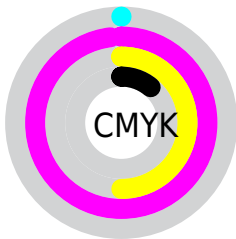
# Distribution



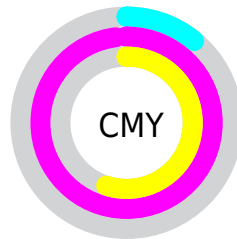
- Red (89%)
- Green (2%)
- Blue (45%)



- Red (89%)
- Yellow (2%)
- Blue (45%)



- Cyan (0%)
- Magenta (98%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (98%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E20572 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 E20572 by changing the saturation by 10% instead.



 E20572

 E20572

FFFFFF

 C3005A

 FF5EA6

 A40043

 FF7DC1

 85002D

 FF9BDC

 670019

 FFB9F9

 4A0004

 FFD7FF

 2A0001

 FFF5FF

 000000

 E20572

 E20572

 E2006F

 E21C7D

 E23289

 E24994

 E25FA0

 E276AB

 E28DB7

 E2A3C2

 E2BACE

 E2D0D9

# Harmonies

## Analogous

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



C436B2



E20572



DC2F32

# Triad

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



E20572



448300



008AE8

# Complementary

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



E20572



05E275

# 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.



008FB9



E20572



008C32

# Square

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



E20572



897300



008F78



007BF8

# Rectangle

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



E20572



C94C00



008F78



008DDB



# Sweetspot

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



E20572



FFB5DA



7405E2



805369



000000



808080



# Same Dimension

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



E20572



FF007E



E20505



70656B



B00057



300018



# Inverse Universe

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



E20572



FF007E



05E2E2



70656B



B00057



300018



# Previews

## White Background



This preview shows how the Hex color E20572 looks on a white 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

# 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 E20572 Background



This preview shows how black text looks on a background with the Hex color E20572.



This preview shows how white text looks on a background with the Hex color E20572.

# 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**  
E20572

**Protanopia**  
6774A5

**Deuteranopia**  
867169



# Trichromacy



**Original Color**  
E20572



**Protanomaly**  
944C92



**Deuteranomaly**  
A74A6C



**Tritanomaly**  
E01E47

# Monochromacy



**Original Color**  
E20572



**Achromatopsia**  
545454



**Achromatomaly**  
88375F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E20572 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 #E20572 looks like.

```
.text, #text, p{  
    color:#E20572  
}
```

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 #E20572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E20572
}
```

## Border

The CSS property to change the border of an element to Hex E20572 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
#E20572 }
```

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

```
.border{ border-color:#E20572 }
```

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

Here you see how a box with a 4 pixel #E20572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E20572; -webkit-box-shadow:4px 4px  
4px 4px #E20572; box-shadow:4px 4px 4px  
4px #E20572 }
```

# Background

The CSS property to change the background color of an element to Hex E20572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E20572 }
```

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

```
.background{ background-color:#E20572 }
```

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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