

# Converting Colors

Hex(E30564)

Have a look what the booklet for  
Hex(E30564) contains.

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**Color**

**Hex(E30564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E30564
RGB	227, 5, 100
RGB Percent	89%, 2%, 39%
CMY	0.1098, 0.9804, 0.6078
CMYK	0.00, 0.98, 0.56, 0.11
HSL	334°, 96%, 45%
HSV	334°, 98%, 89%
XYZ	34.0331, 17.3595, 13.6136
YIQ	82.2080, 101.8170, 76.6090

# Conversions

## Conversions Part 2

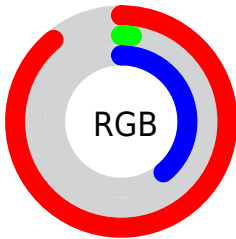
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 5, 100
Decimal	14878052
CIE Lab	48.71, 76.13, 11.56
CIE LCh	49, 77.002, 8.635
Yxy	17.3595, 0.5235, 0.2670
Android (android.graphics.Color)	4293068132 (0xFFE30564)
YUV	82.2080, 8.7715, 126.9826
Hunter-Lab	41.6648, 72.8910, 9.7929

# Details

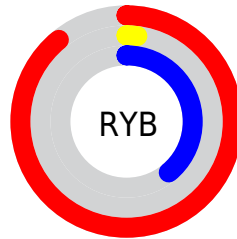
The Hex color **E30564** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **05E384**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5E96**, and **A40036** is the 20% darker color. If you saturate the color by 10%, you get **E30061**, and if you desaturate by 10%, it is **E31C71**.

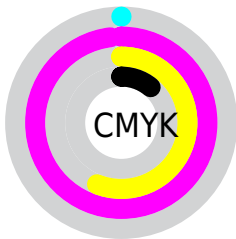
# Distribution



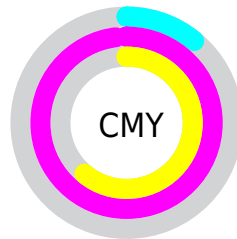
- Red (89%)
- Green (2%)
- Blue (39%)



- Red (89%)
- Yellow (2%)
- Blue (39%)



- Cyan (0%)
- Magenta (98%)
- Yellow (56%)
- Black (11%)



- Cyan (11%)
- Magenta (98%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E30564 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 E30564 by changing the saturation by 10% instead.



 E30564

 E30564

FFFFFF

 C3004C

 FF5E96

 A40036

 FF7DB1

 850022

 FF9BCC

 66000A

 FFB8E8

 490004

 FFD6FF

 290001

 FFF5FF

 000000

 E30564

 E30564

 E30061

 E31C71

 E3327E

 E3498B

 E36098

 E377A5

 E38DB2

 E3A4BF

 E3BBCC

 E3D1D9

# Harmonies

## Analogous

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



CD2AA5



E30564



D73824

# Triad

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



E30564



2E8500



0087EE

# Complementary

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



E30564



05E384

# 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.



008EC4



E30564



008C41

# Square

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



E30564



7C7700



008F86



0076F7

# Rectangle

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



E30564



C05300



008F86



008BE4



# Sweetspot

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



E30564



FFB5D5



8305E3



805366



000000



808080



# Same Dimension

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



E30564



FF006D



E31405



73676C



B3004C



330016



# Inverse Universe

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



E30564



FF006D



05D4E3



73676C



B3004C



330016



# Previews

## White Background



This preview shows how the Hex color E30564 looks on a white background.

## Color Contrast Check

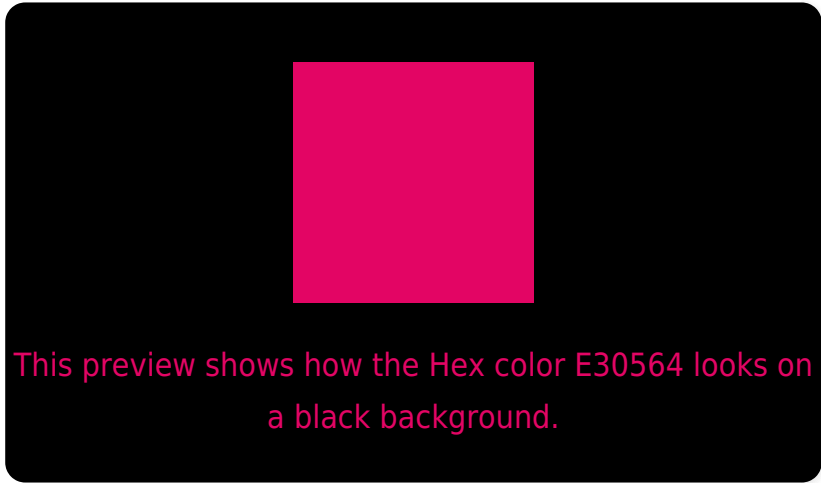
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex E30564 Background



This preview shows how black text looks on a background with the Hex color E30564.



This preview shows how white text looks on a background with the Hex color E30564.

# 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**  
E30564

**Protanopia**  
6E7491

**Deuteranopia**  
89705B



**Tritanopia**  
E12827

# Trichromacy



**Original Color**  
E30564



**Protanomaly**  
994C81



**Deuteranomaly**  
AA495E



**Tritanomaly**  
E21B3D

# Monochromacy



**Original Color**  
E30564



**Achromatopsia**  
525252



**Achromatomaly**  
873659

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E30564 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 #E30564 looks like.

```
.text, #text, p{  
    color:#E30564  
}
```

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 #E30564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E30564
}
```

## Border

The CSS property to change the border of an element to Hex E30564 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
#E30564 }
```

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

```
.border{ border-color:#E30564 }
```

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

Here you see how a box with a 4 pixel #E30564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E30564; -webkit-box-shadow:4px 4px  
4px 4px #E30564; box-shadow:4px 4px 4px  
4px #E30564 }
```

# Background

The CSS property to change the background color of an element to Hex E30564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E30564 }
```

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

```
.background{ background-color:#E30564 }
```

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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