

# Converting Colors

Decimal(14840290)

Have a look what the booklet for  
Decimal(14840290) contains.

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# **Color**

**Decimal(14840290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E271E2
RGB	226, 113, 226
RGB Percent	89%, 44%, 89%
CMY	0.1137, 0.5569, 0.1137
CMYK	0.00, 0.50, 0.00, 0.11
HSL	300°, 66%, 66%
HSV	300°, 50%, 89%
XYZ	50.9966, 33.4700, 75.7240
YIQ	159.6690, 31.0750, 59.0990

# Conversions

## Conversions Part 2

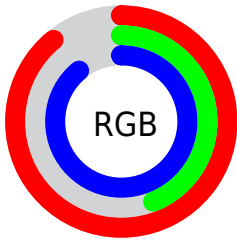
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 113, 226
Decimal	14840290
CIE Lab	64.54, 59.14, -38.33
CIE LCh	65, 70.476, 327.048
Yxy	33.4700, 0.3183, 0.2089
Android (android.graphics.Color)	4293030370 (0xFFE271E2)
YUV	159.6690, 32.7012, 58.1723
Hunter-Lab	57.8533, 56.1014, -37.1073

# Details

The Decimal color **14840290** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7463537**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16755199**, and **11024810** is the 20% darker color. If you saturate the color by 10%, you get **14834402**, and if you desaturate by 10%, it is **14846178**.

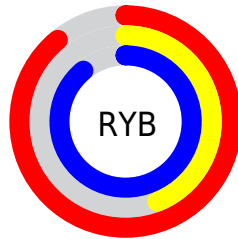
# Distribution



Red (89%)

Green (44%)

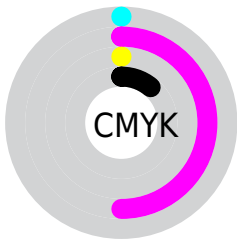
Blue (89%)



Red (89%)

Yellow (44%)

Blue (89%)

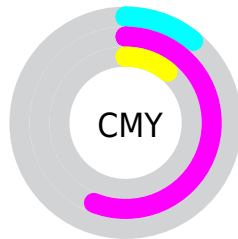


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (56%)
















Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14840290 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 Decimal color 14840290 by changing the saturation by 10% instead.



 14840290	 14840290
 16777215	 12932806
 16755199	 11024810
 16762367	 9181583
 16769791	 7340149
	 5570652
	 3866692
	 2228269
	 279
	 0

14840290

14840290

14834402

14846178

14828770

14851810

14822882

14857698

14817250

14863330

14811362

14869218

14875106

14876642

# Harmonies

## Analogous

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



9408255



14840290



16735397

# Triad

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



14840290



12621568



47572

# Complementary

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



14840290



7463537

# 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.



47508



14840290



8628759

# Square

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



14840290



15695407



1094740



46335

# Rectangle

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



14840290



16735867



1094740



47808



# Sweetspot

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



14840290



16767487



7434722



8415616



0



8421504



# Same Dimension

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



14840290



16738047



14840234



7366000



11534512



3145776



# Inverse Universe

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



14840290



16738047



7463594



7366000



11534512

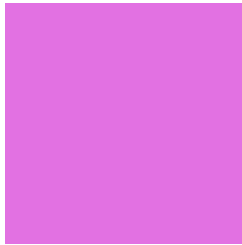


3145776



# Previews

## White Background



This preview shows how the Decimal color 14840290 looks on a white background.

## Color Contrast Check

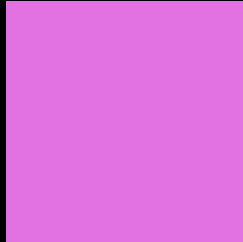
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 14840290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

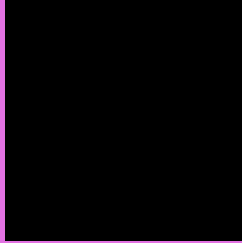
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14840290 Background



This preview shows how black text looks on a background with the Decimal color 14840290.




This preview shows how white text looks on a background with the Decimal color 14840290.

# 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**  
14189967

# Trichromacy



**Original Color**  
14840290



**Protanomaly**  
10324980



**Deuteranomaly**  
11111646



**Tritanomaly**  
14450349

# Monochromacy



**Original Color**  
14840290



**Achromatopsia**  
10526880



**Achromatomaly**  
12095416

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14840290 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 #E271E2 looks like.

```
.text, #text, p{  
  color:#E271E2  
}
```

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 #E271E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E271E2
}
```

## Border

The CSS property to change the border of an element to Decimal 14840290 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
#E271E2 }
```

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

```
.border{ border-color:#E271E2 }
```

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

Here you see how a box with a 4 pixel #E271E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E271E2; -webkit-box-shadow:4px 4px  
4px 4px #E271E2; box-shadow:4px 4px 4px  
4px #E271E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 14840290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E271E2 }
```

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

```
.background{ background-color:#E271E2 }
```

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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