

# Converting Colors

Decimal(15031496)

Have a look what the booklet for  
Decimal(15031496) contains.

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# **Color**

**Decimal(15031496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E55CC8
RGB	229, 92, 200
RGB Percent	90%, 36%, 78%
CMY	0.1020, 0.6392, 0.2157
CMYK	0.00, 0.60, 0.13, 0.10
HSL	313°, 72%, 63%
HSV	313°, 60%, 90%
XYZ	46.5656, 28.4824, 57.6870
YIQ	145.2750, 46.9840, 62.6320

# Conversions

## Conversions Part 2

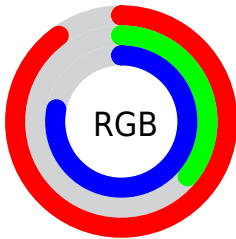
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	229, 92, 200
Decimal	15031496
CIE <sub>Lab</sub>	60.32, 65.19, -30.24
CIE <sub>LCh</sub>	60, 71.865, 335.112
Yxy	28.4824, 0.3508, 0.2146
Android (android.graphics.Color)	4293221576 (0xFFE55CC8)
YUV	145.2750, 26.9794, 73.4268
Hunter-Lab	53.3689, 62.3495, -26.7288

# Details

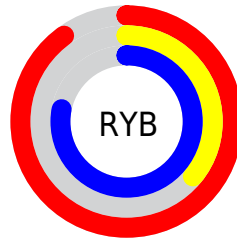
The Decimal color **15031496** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **6088057**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16750079**, and **11148178** is the 20% darker color. If you saturate the color by 10%, you get **15025603**, and if you desaturate by 10%, it is **15037389**.

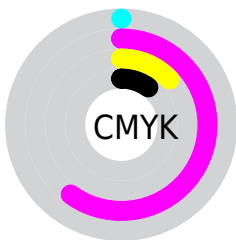
# Distribution



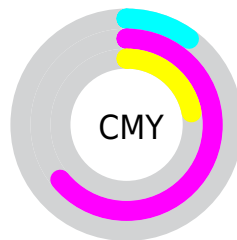
- Red (90%)
- Green (36%)
- Blue (78%)



- Red (90%)
- Yellow (36%)
- Blue (78%)



- Cyan (0%)
- Magenta (60%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (64%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15031496 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 15031496 by changing the saturation by 10% instead.



 15031496

 15031496

16777215

 13057708

 16750079

 11148178

 16757503

 9306232

 16764927

 7471199

 16772351

 5636167

 3997744

 2031642

 0

 15031496

 15031496

■ 15025603

■ 15037389

■ 15019710

■ 15043282

■ 15013817

■ 15049175

■ 15007925

■ 15055067

■ 15060960

■ 15066597

■ 15072490

■ 15073263

■ 15073268

# Harmonies

## Analogous

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



10451962



15031496



16731273

# Triad

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



15031496



10850816



44505

# Complementary

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



15031496



6088057

# 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.



44699



15031496



6464021

# Square

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



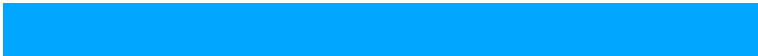
15031496



14187020



43865



42751

# Rectangle

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



15031496



16733280



43865



44742



# Sweetspot

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



15031496



16765429



7822565



8414074



0



8421504



# Same Dimension

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



15031496



16730072



15031429



7563120



11731085



3342376



# Inverse Universe

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



15031496



16730072



6088124



7563120



11731085

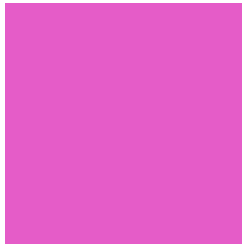


3342376



# Previews

## White Background



This preview shows how the Decimal color 15031496 looks on a white background.

## Color Contrast Check

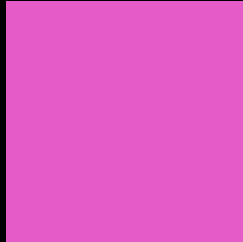
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 15031496 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 × Fail

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



## Decimal 15031496 Background



This preview shows how black text looks on a background with the Decimal color 15031496.



This preview shows how white text looks on a background with the Decimal color 15031496.

# 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**  
14512248

# Trichromacy



**Original Color**  
15031496



**Protanomaly**  
9927906



**Deuteranomaly**  
11107523



**Tritanomaly**  
14707093

# Monochromacy



**Original Color**  
15031496



**Achromatopsia**  
9539985



**Achromatomaly**  
11566757

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15031496 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 #E55CC8 looks like.

```
.text, #text, p{  
    color:#E55CC8  
}
```

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 #E55CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E55CC8
}
```

## Border

The CSS property to change the border of an element to Decimal 15031496 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
#E55CC8 }
```

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

```
.border{ border-color:#E55CC8 }
```

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

Here you see how a box with a 4 pixel #E55CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E55CC8; -webkit-box-shadow:4px 4px  
4px 4px #E55CC8; box-shadow:4px 4px 4px  
4px #E55CC8 }
```

# Background

The CSS property to change the background color of an element to Decimal 15031496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E55CC8 }
```

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

```
.background{ background-color:#E55CC8 }
```

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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