

# Converting Colors

Decimal(15085765)

Have a look what the booklet for  
Decimal(15085765) contains.

|  |    |
|--|----|
| <b>Decimal(15085765)</b> .....                 | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Decimal(15085765)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E630C5                     |
| RGB         | 230, 48, 197               |
| RGB Percent | 90%, 19%, 77%              |
| CMY         | 0.0980, 0.8118, 0.2275     |
| CMYK        | 0.00, 0.79, 0.14, 0.10     |
| HSL         | 311°, 78%, 55%             |
| HSV         | 311°, 79%, 90%             |
| XYZ         | 43.7681, 22.9681, 54.9498  |
| YIQ         | 119.4040, 60.6430, 84.9230 |

# Conversions

## Conversions Part 2

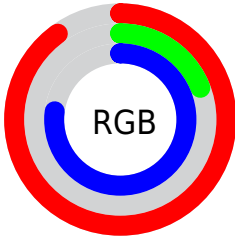
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 230, 48, 197                  |
| Decimal                             | 15085765                      |
| CIE Lab                             | 55.04, 79.90, -36.75          |
| CIE LCh                             | 55, 87.951, 335.301           |
| Yxy                                 | 22.9681, 0.3597,<br>0.1887    |
| Android<br>(android.graphics.Color) | 4293275845<br>(0xFFE630C5)    |
| YUV                                 | 119.4040, 38.2548,<br>96.9927 |
| Hunter-Lab                          | 47.9251, 79.1483,<br>-34.4330 |

# Details

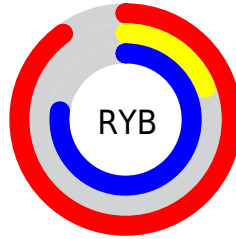
The Decimal color **15085765** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3204689**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **16741374**, and **11141263** is the 20% darker color. If you saturate the color by 10%, you get **15079873**, and if you desaturate by 10%, it is **15091657**.

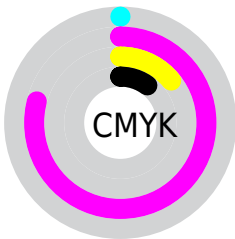
# Distribution



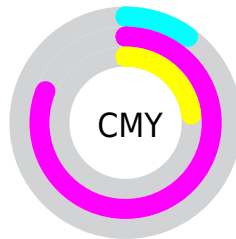
- Red (90%)
- Green (19%)
- Blue (77%)



- Red (90%)
- Yellow (19%)
- Blue (77%)



- Cyan (0%)
- Magenta (79%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (81%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15085765 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 15085765 by changing the saturation by 10% instead.



 15085765

 15085765

16777215

 13107369

 16741374

 11141263

 16749055

 9240693

 16756735

 7340124

 16764415

 5439556

 16772095

 3670061

 1507351

 0

 15085765

 15085765

 15079873

 15091657

 15073981

 15097549

 15073468

 15103442

 15109334

 15115226

 15121118

 15127010

 15132902

 15138795

# Harmonies

## Analogous

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



9332735



15085765



16711802

# Triad

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



15085765



9733376



41947

# Complementary

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



15085765



3204689

# 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.



41872



15085765



4101888

# Square

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



15085765



13723136



40766



40191

# Rectangle

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



15085765



16718920



40766



41923



# Sweetspot

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



15085765



16761588



5124326



8412025



0



8421504



# Same Dimension

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



15085765



16715219



15085677



7563121



11731090



3342378



# Inverse Universe

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



15085765



16715219



3204777



7563121



11731090



3342378



# Previews

## White Background



This preview shows how the Decimal color 15085765 looks on a white background.

## Color Contrast Check

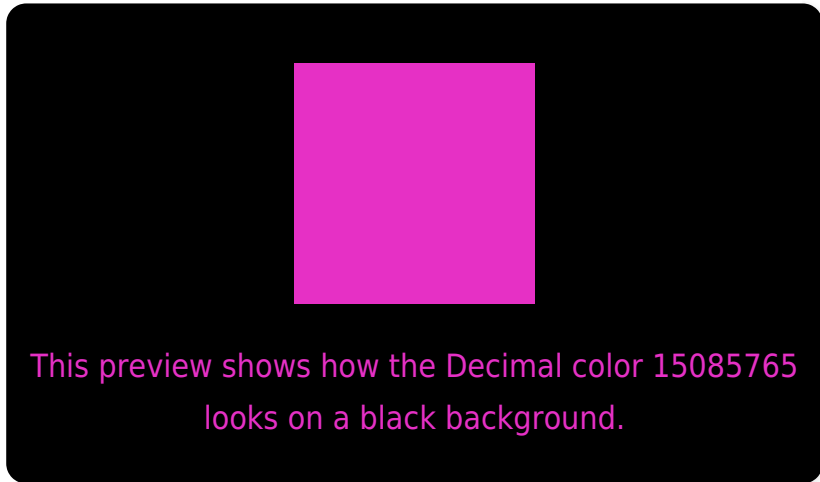
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 15085765 Background



This preview shows how black text looks on a background with the Decimal color 15085765.



This preview shows how white text looks on a background with the Decimal color 15085765.

# 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**  
14440285

# Trichromacy



**Original Color**  
15085765



**Protanomaly**  
7955434



**Deuteranomaly**  
10249662



**Tritanomaly**  
14698883

# Monochromacy



**Original Color**  
15085765



**Achromatopsia**  
7829367



**Achromatomaly**  
10444179

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15085765 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 #E630C5 looks like.

```
.text, #text, p{  
    color:#E630C5  
}
```

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 #E630C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E630C5
}
```

## Border

The CSS property to change the border of an element to Decimal 15085765 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
#E630C5 }
```

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

```
.border{ border-color:#E630C5 }
```

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

Here you see how a box with a 4 pixel #E630C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E630C5; -webkit-box-shadow:4px 4px  
4px 4px #E630C5; box-shadow:4px 4px 4px  
4px #E630C5 }
```

# Background

The CSS property to change the background color of an element to Decimal 15085765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E630C5 }
```

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

```
.background{ background-color:#E630C5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor