

Converting Colors

Decimal(15075563)

Have a look what the booklet for
Decimal(15075563) contains.

Decimal(15075563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15075563)

Conversions

Conversions Part 1

Format	Color
Hex	E608EB
RGB	230, 8, 235
RGB Percent	90%, 3%, 92%
CMY	0.0980, 0.9686, 0.0784
CMYK	0.02, 0.97, 0.00, 0.08
HSL	299°, 93%, 48%
HSV	299°, 97%, 92%
XYZ	47.7154, 22.9948, 80.5208
YIQ	100.2560, 59.4450, 117.6610

Conversions

Conversions Part 2

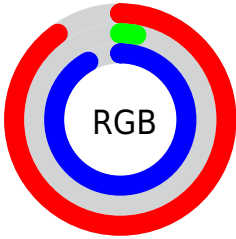
Format	Color
R _Y B	230, 8, 235
Decimal	15075563
CIE _{Lab}	55.07, 91.06, -58.33
CIE _{LCh}	55, 108.142, 327.357
Yxy	22.9948, 0.3155, 0.1521
Android (android.graphics.Color)	4293265643 (0xFFE608EB)
YUV	100.2560, 66.4288, 113.7855
Hunter-Lab	47.9529, 93.6981, -65.9906

Details

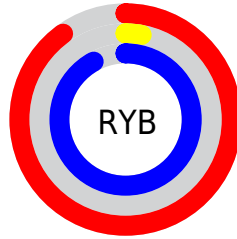
The Decimal color **15075563** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **912136**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **16737791**, and **11075762** is the 20% darker color. If you saturate the color by 10%, you get **15073515**, and if you desaturate by 10%, it is **15147243**.

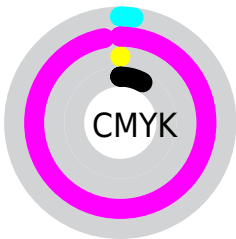
Distribution



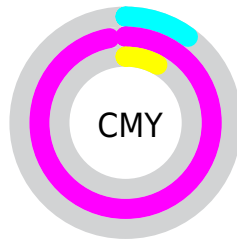
- Red (90%)
- Green (3%)
- Blue (92%)



- Red (90%)
- Yellow (3%)
- Blue (92%)



- Cyan (2%)
- Magenta (97%)
- Yellow (0%)
- Black (8%)




















- Cyan (10%)
- Magenta (97%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15075563 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 15075563 by changing the saturation by 10% instead.

 15075563	 15075563
 16777215	 13041870
 16737791	 11075762
 16745983	 9175191
 16753919	 7209084
 16761855	 5308514
 16769535	 3407946
	 1245234
	 284
	 0

■ 15075563

■ 15075563

■ 15073515

■ 15147243

■ 15153131

■ 15224811

■ 15230699

■ 15302379

■ 15308267

■ 15379691

■ 15385835

■ 15457515

Harmonies

Analogous

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



4157439



15075563



16711825

Triad

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



15075563



11042304



43225

Complementary

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



15075563



912136

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.



42617



15075563



4691456

Square

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



15075563



15486208



41472



42495

Rectangle

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



15075563



16711764



41472



43194

Sweetspot

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



15075563



16627199



528619



8344448



0



8421504

Same Dimension

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



15075563



16318719



15403137



7694965



11600053



3407926

Inverse Universe

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



15403021



16711686



584562



7694954



11862020



3538945

Previews

White Background



This preview shows how the Decimal color 15075563 looks on a white background.

Color Contrast Check

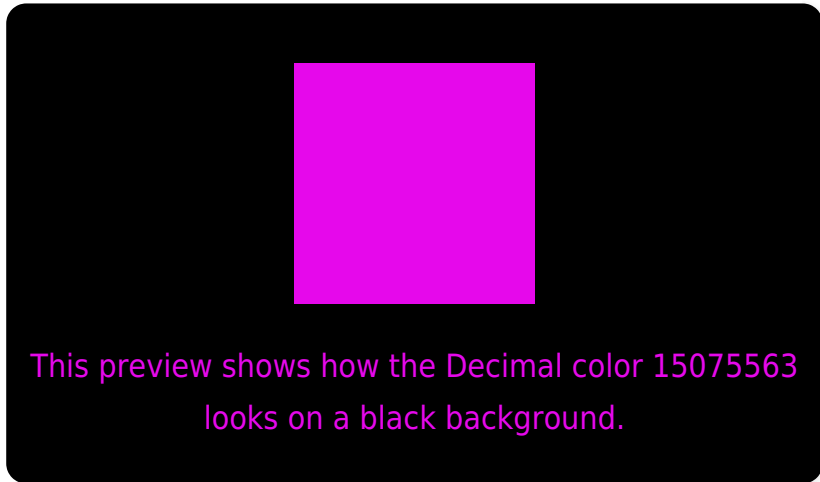
Large Text (above 18pt) WCAG AA ✓ Pass

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 15075563 Background



This preview shows how black text looks on a background with the Decimal color 15075563.




This preview shows how white text looks on a background with the Decimal color 15075563.

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
14113891

Trichromacy



Original Color

15075563



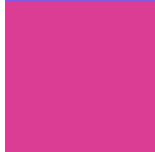
Protanomaly

7886328



Deuteranomaly

8607970



Tritanomaly

14433684

Monochromacy



Original Color

15075563



Achromatopsia

6579300



Achromatomaly

9651093

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15075563 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 #E608EB looks like.

```
.text, #text, p{  
    color:#E608EB  
}
```

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 #E608EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E608EB
}
```

Border

The CSS property to change the border of an element to Decimal 15075563 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".

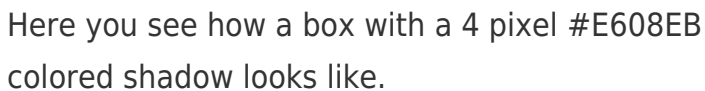
```
.border, #border, table{ border:4px solid
#E608EB }
```

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

```
.border{ border-color:#E608EB }
```

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

Here you see how a box with a 4 pixel #E608EB colored shadow looks like.

A rectangular box with a thick magenta border and a magenta shadow. The box is white with a magenta border and a magenta shadow. The shadow is a 4px magenta shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E608EB; -webkit-box-shadow:4px 4px  
4px 4px #E608EB; box-shadow:4px 4px 4px  
4px #E608EB }
```

Background

The CSS property to change the background color of an element to Decimal 15075563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E608EB }
```

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

```
.background{ background-color:#E608EB }
```

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