

Converting Colors

Decimal(15751636)

Have a look what the booklet for
Decimal(15751636) contains.

Decimal(15751636)	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(15751636)

Conversions

Conversions Part 1

Format	Color
Hex	F059D4
RGB	240, 89, 212
RGB Percent	94%, 35%, 83%
CMY	0.0588, 0.6510, 0.1686
CMYK	0.00, 0.63, 0.12, 0.06
HSL	311°, 83%, 65%
HSV	311°, 63%, 94%
XYZ	51.3912, 30.4235, 65.4511
YIQ	148.1710, 50.5130, 70.2650

Conversions

Conversions Part 2

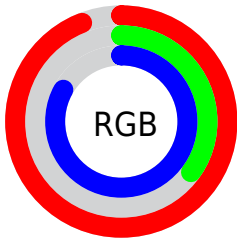
Format	Color
R _{YB}	240, 89, 212
Decimal	15751636
CIE _{Lab}	62.02, 71.05, -34.28
CIE _{LCh}	62, 78.888, 334.246
Y _{xy}	30.4235, 0.3490, 0.2066
Android (android.graphics.Color)	4293941716 (0xFFFF059D4)
YUV	148.1710, 31.4677, 80.5340
Hunter-Lab	55.1575, 69.7860, -31.7445

Details

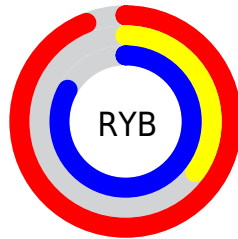
The Decimal color **15751636** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5894261**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **16749567**, and **11865757** is the 20% darker color. If you saturate the color by 10%, you get **15745488**, and if you desaturate by 10%, it is **15757784**.

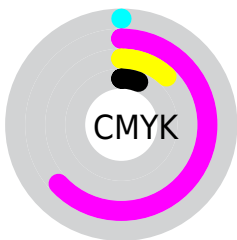
Distribution



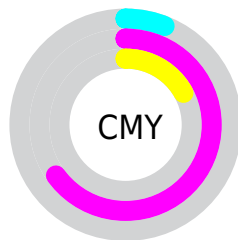
- Red (94%)
- Green (35%)
- Blue (83%)



- Red (94%)
- Yellow (35%)
- Blue (83%)



- Cyan (0%)
- Magenta (63%)
- Yellow (12%)
- Black (6%)



















- Cyan (6%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15751636 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 15751636 by changing the saturation by 10% instead.

 15751636	 15751636
 16777215	 13777592
 16749567	 11865757
 16756991	 9896067
 16764671	 8061033
 16772095	 6226000
	 4522041
	 2621475
	 8
	 0

 15751636

 15751636

 15745488

 15757784

 15739339

 15763933

 15733191

 15770081

 15728835

 15776230

 15782378

 15788527

 15794163

 15794168

 15794172

Harmonies

Analogous

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



10518271



15751636



16728975

Triad

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



15751636



11245056



46307

Complementary

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



15751636



5894261

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.



46494



15751636



6465536

Square

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



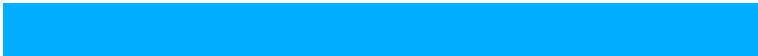
15751636



14908160



45397



44543

Rectangle

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



15751636



16731745



45397



46542

Sweetspot

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



15751636



16764918



7690736



8413818



0



8421504

Same Dimension

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



15751636



16727515



15751561



7892086



12058774



3670062

Inverse Universe

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



15751636



16727515



5894336



7892086



12058774



3670062

Previews

White Background



This preview shows how the Decimal color 15751636 looks on a white background.

Color Contrast Check

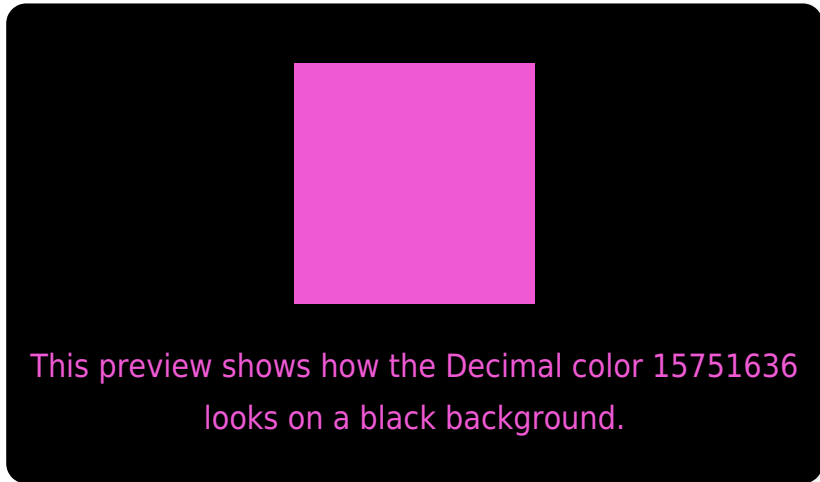
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 15751636 Background



This preview shows how black text looks on a background with the Decimal color 15751636.




This preview shows how white text looks on a background with the Decimal color 15751636.

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
15168122

Trichromacy



Original Color
15751636



Protanomaly
10059503



Deuteranomaly
11370446



Tritanomaly
15362459

Monochromacy



Original Color
15751636



Achromatopsia
9737364



Achromatomaly
11894699

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15751636 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 #F059D4 looks like.

```
.text, #text, p{  
    color:#F059D4  
}
```

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 #F059D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F059D4
}
```

Border

The CSS property to change the border of an element to Decimal 15751636 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
#F059D4 }
```

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

```
.border{ border-color:#F059D4 }
```

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

Here you see how a box with a 4 pixel #F059D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F059D4; -webkit-box-shadow:4px 4px  
4px 4px #F059D4; box-shadow:4px 4px 4px  
4px #F059D4 }
```

Background

The CSS property to change the background color of an element to Decimal 15751636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F059D4 }
```

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

```
.background{ background-color:#F059D4 }
```

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