

Converting Colors

Decimal(16646261)

Have a look what the booklet for
Decimal(16646261) contains.

Decimal(16646261)	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(16646261)

Conversions

Conversions Part 1

Format	Color
Hex	FE0075
RGB	254, 0, 117
RGB Percent	100%, 0%, 46%
CMY	0.0039, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.54, 0.00
HSL	332°, 100%, 50%
HSV	332°, 100%, 100%
XYZ	44.0839, 22.3552, 18.8211
YIQ	89.2840, 113.8270, 90.2350

Conversions

Conversions Part 2

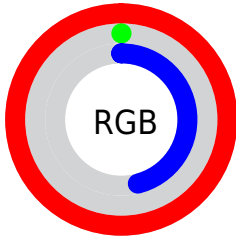
Format	Color
RYB	254, 0, 117
Decimal	16646261
CIELab	54.40, 83.58, 9.97
CIELCh	54, 84.172, 6.804
Yxy	22.3552, 0.5171, 0.2622
Android (android.graphics.Color)	4294836341 (0xFFFE0075)
YUV	89.2840, 13.6640, 144.4559
Hunter-Lab	47.2813, 83.6870, 9.4955

Details

The Decimal color **16646261** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **65161**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16737193**, and **12451909** is the 20% darker color. If you saturate the color by 10%, you get **16646261**, and if you desaturate by 10%, it is **16652675**.

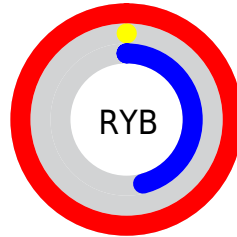
Distribution



Red (100%)

Green (0%)

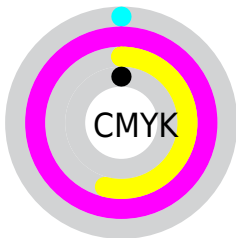
Blue (46%)



Red (100%)

Yellow (0%)

Blue (46%)

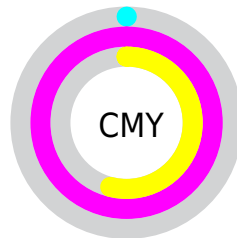


Cyan (0%)

Magenta (100%)

Yellow (54%)

Black (0%)



Cyan (0%)
















Magenta (100%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16646261 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 16646261 by changing the saturation by 10% instead.

 16646261	 16646261
16777215	 14549085
 16737193	 12451909
 16745412	 10354736
 16753376	 8323100
 16761084	 6291460
 16769023	 4259843
16776959	 1966081
	 0

 16646261

 16652675

 16659344

 16665758

 16672428

 16678841

 16685255

 16691925

 16698339

 16705008

Harmonies

Analogous

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



14889917



16646261



15875118

Triad

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



16646261



3970304



39423

Complementary

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



16646261



65161

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.



41176



16646261



40260

Square

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



16646261



9405696



41105



34815

Rectangle

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



16646261



14310144



41105



40188

Sweetspot

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



16646261



16757718



8847614



8409703



0



8421504

Same Dimension

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



16646261



16711797



16648192



8418169



12517464



4194333

Inverse Universe

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



16646261



16711797



63230



8418169



12517464



4194333

Previews

White Background



This preview shows how the Decimal color 16646261 looks on a white background.

Color Contrast Check

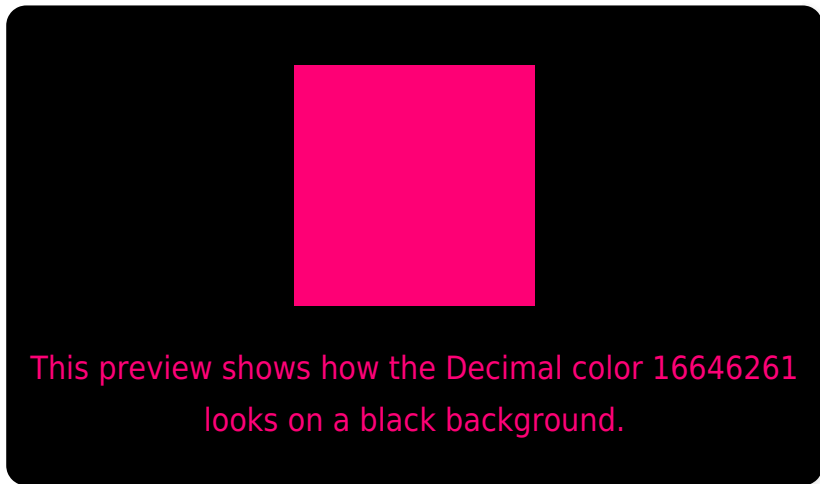
Large Text (above 18pt) WCAG AA ✓ Pass

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 16646261 Background



This preview shows how black text looks on a background with the Decimal color 16646261.




This preview shows how white text looks on a background with the Decimal color 16646261.

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
16461614

Trichromacy



Original Color

16646261



Protanomaly

11096983



Deuteranomaly

12472430



Tritanomaly

16522824

Monochromacy



Original Color

16646261



Achromatopsia

5855577



Achromatomaly

9779555

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16646261 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 #FE0075 looks like.

```
.text, #text, p{  
    color:#FE0075  
}
```

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 #FE0075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE0075
}
```

Border

The CSS property to change the border of an element to Decimal 16646261 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
#FE0075 }
```

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

```
.border{ border-color:#FE0075 }
```

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

Here you see how a box with a 4 pixel #FE0075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE0075; -webkit-box-shadow:4px 4px  
4px 4px #FE0075; box-shadow:4px 4px 4px  
4px #FE0075 }
```

Background

The CSS property to change the background color of an element to Decimal 16646261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE0075 }
```

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

```
.background{ background-color:#FE0075 }
```

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