

# Converting Colors

Decimal(16740864)

Have a look what the booklet for  
Decimal(16740864) contains.

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# **Color**

**Decimal(16740864)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7200
RGB	255, 114, 0
RGB Percent	100%, 45%, 0%
CMY	0.0000, 0.5529, 1.0000
CMYK	0.00, 0.55, 1.00, 0.00
HSL	27°, 100%, 50%
HSV	27°, 100%, 100%
XYZ	47.2573, 33.2946, 3.9358
YIQ	143.1630, 120.6300, -5.5620

# Conversions

## Conversions Part 2

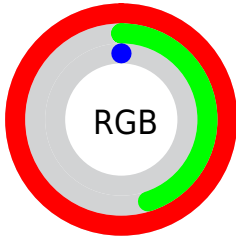
Format	Color
R <sub>Y</sub> B	255, 206, 0
Decimal	16740864
CIE Lab	64.40, 49.56, 72.49
CIE LCh	64, 87.813, 55.640
Yxy	33.2946, 0.5593, 0.3941
Android (android.graphics.Color)	4294930944 (0xFFFF7200)
YUV	143.1630, -70.5794, 98.0810
Hunter-Lab	57.7015, 45.2132, 36.3469

# Details

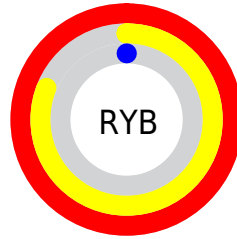
The Decimal color **16740864** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **36351**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16755014**, and **12467200** is the 20% darker color. If you saturate the color by 10%, you get **16740864**, and if you desaturate by 10%, it is **16744473**.

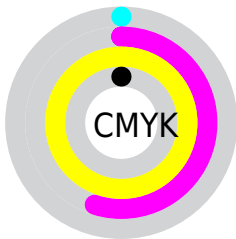
# Distribution



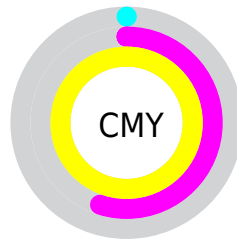
- Red (100%)
- Green (45%)
- Blue (0%)



- Red (100%)
- Yellow (81%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (0%)




















- Cyan (0%)
- Magenta (55%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16740864 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 16740864 by changing the saturation by 10% instead.



 16740864	 16740864
16777215	 14571264
 16755014	 12467200
 16762210	 10362624
 16769661	 8323072
 16777112	 6291456
 16777140	 4390912
 16777169	 2555905
 16777198	 0

 16740864

 16744473

 16748083

 16751693

 16755302

 16759168

 16762777

 16766387

 16769996

 16773606

# Harmonies

## Analogous

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



16729694



16740864



13014272

# Triad

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



16740864



48526



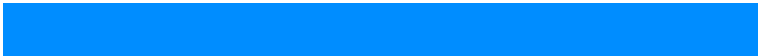
7900415

# Complementary

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



16740864



36351

# 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.



43775



16740864



48862

# Square

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



16740864



47162



47615



15557110

# Rectangle

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



16740864



9872640



47615



39167



# Sweetspot

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



16740864



16766387



16711824



8414802



0



8421504



# Same Dimension

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



16740864



16772608



8419443



12539392



4201472

# Inverse Universe

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



36351



4607



7568000



27327



9024

# Previews

## White Background



This preview shows how the Decimal color 16740864 looks on a white background.

## Color Contrast Check

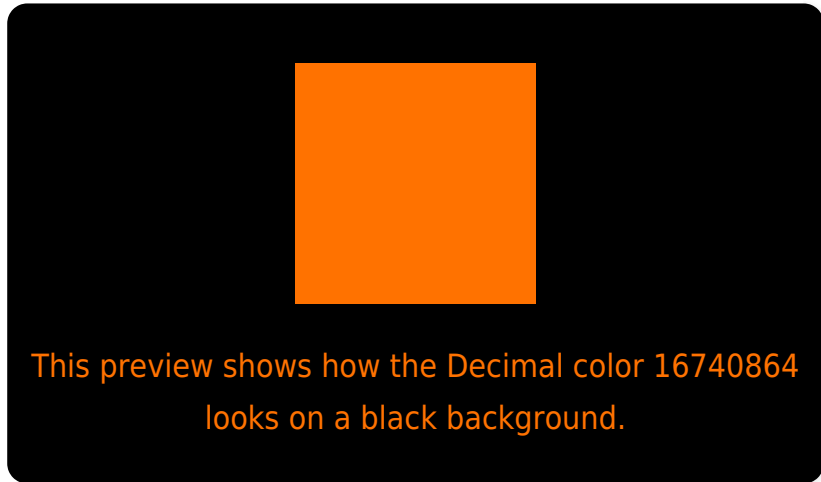
Large Text (above 18pt) WCAG AA × Fail

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 16740864 Background



This preview shows how black text looks on a background with the Decimal color 16740864.



This preview shows how white text looks on a background with the Decimal color 16740864.

# 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



**Original Color**  
16740864

**Protanopia**  
11574552

**Deuteranopia**  
13014272





**Tritanopia**  
16739699

# Trichromacy



**Original Color**  
16740864

**Protanomaly**  
13470991

**Deuteranomaly**  
14387200

**Tritanomaly**  
16740169

# Monochromacy



**Original Color**  
16740864

**Achromatopsia**  
9408399

**Achromatomaly**  
12092507

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16740864 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 #FF7200 looks like.

```
.text, #text, p{  
    color:#FF7200  
}
```

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 #FF7200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7200
}
```

## Border

The CSS property to change the border of an element to Decimal 16740864 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
#FF7200 }
```

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

```
.border{ border-color:#FF7200 }
```

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

Here you see how a box with a 4 pixel #FF7200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7200; -webkit-box-shadow:4px 4px  
4px 4px #FF7200; box-shadow:4px 4px 4px  
4px #FF7200 }
```

# Background

The CSS property to change the background color of an element to Decimal 16740864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7200 }
```

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

```
.background{ background-color:#FF7200 }
```

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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