

Converting Colors

Decimal(16754432)

Have a look what the booklet for
Decimal(16754432) contains.

| | |
|--|----|
| Decimal(16754432) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

Decimal(16754432)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | FFA700 |
| RGB | 255, 167, 0 |
| RGB Percent | 100%, 65%, 0% |
| CMY | 0.0000, 0.3451, 1.0000 |
| CMYK | 0.00, 0.35, 1.00, 0.00 |
| HSL | 39°, 100%, 50% |
| HSV | 39°, 100%, 100% |
| XYZ | 55.0587, 48.8974, 6.5362 |
| YIQ | 174.2740, 106.0550, -33.2810 |

Conversions

Conversions Part 2

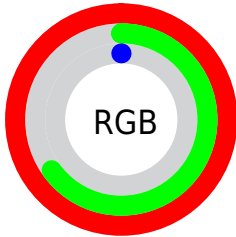
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 134, 255, 0 |
| Decimal | 16754432 |
| CIELab | 75.39, 22.89, 79.25 |
| CIELCh | 75, 82.494, 73.888 |
| Yxy | 48.8974, 0.4983, 0.4425 |
| Android (android.graphics.Color) | 4294944512 (0xFFFFA700) |
| YUV | 174.2740, -85.9171, 70.7967 |
| Hunter-Lab | 69.9267, 18.1752, 43.4067 |

Details

The Decimal color **16754432** is a dark color, and the websafe version is hex **FF9900**, and the color name is **chrome yellow**. The color can be described as middle saturated orange. A complement of this color would be **22783**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16768592**, and **12612352** is the 20% darker color. If you saturate the color by 10%, you get **16754432**, and if you desaturate by 10%, it is **16756761**.

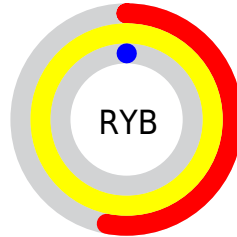
Distribution



Red (100%)

Green (65%)

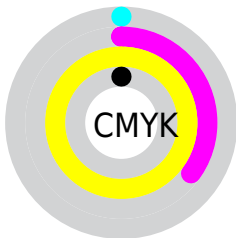
Blue (0%)



Red (53%)

Yellow (100%)

Blue (0%)

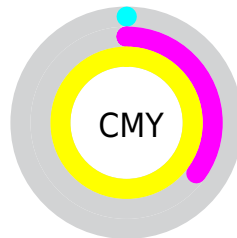


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (0%)



Cyan (0%)


















Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16754432 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 16754432 by changing the saturation by 10% instead.

| | |
|---|--|
|  16754432 |  16754432 |
| 16777215 |  14650624 |
|  16768592 |  12612352 |
|  16776045 |  10574336 |
|  16777097 |  8602368 |
|  16777125 |  6630400 |
|  16777154 |  4789760 |
|  16777183 |  3080192 |
| 16777213 |  524288 |
| |  0 |

 16754432

 16756761

 16759091

 16761165

 16763494

 16765824

 16768153

 16770483

 16772556

 16774886

Harmonies

Analogous

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



16745810



16754432



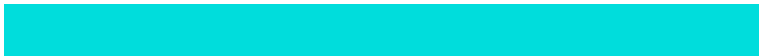
12435712

Triad

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



16754432



56796



15308287

Complementary

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



16754432



22783

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.



5355519



16754432



56063

Square

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



16754432



55949



52991



16741350

Rectangle

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



16754432



8834342



52991



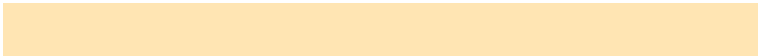
13017599

Sweetspot

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



16754432



16770483



16711769



8417362



0



8421504

Same Dimension

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



16754432



14286592



8420211



12549376



4205056

Inverse Universe

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



22783



2490623



7567232



17087



5696

Previews

White Background



This preview shows how the Decimal color 16754432 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



This preview shows how the Decimal color 16754432 looks on a 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 16754432 Background



This preview shows how black text looks on a background with the Decimal color 16754432.

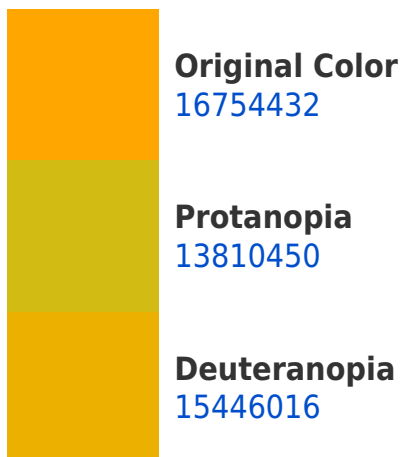


This preview shows how white text looks on a background with the Decimal color 16754432.

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
16752553

Trichromacy



Original Color
16754432

Protanomaly
14857227

Deuteranomaly
15904000

Tritanomaly
16753260

Monochromacy



Original Color
16754432

Achromatopsia
11447982

Achromatomaly
13347695

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16754432 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 #FFA700 looks like.

```
.text, #text, p{  
  color:#FFA700  
}
```

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 #FFA700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA700
}
```

Border

The CSS property to change the border of an element to Decimal 16754432 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
#FFA700 }
```

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

```
.border{ border-color:#FFA700 }
```

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

Here you see how a box with a 4 pixel #FFA700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA700; -webkit-box-shadow:4px 4px  
4px 4px #FFA700; box-shadow:4px 4px 4px  
4px #FFA700 }
```

Background

The CSS property to change the background color of an element to Decimal 16754432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA700 }
```

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

```
.background{ background-color:#FFA700 }
```

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