

Converting Colors

Decimal(16295504)

Have a look what the booklet for
Decimal(16295504) contains.

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Color

Decimal(16295504)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8A650 |
| RGB | 248, 166, 80 |
| RGB Percent | 97%, 65%, 31% |
| CMY | 0.0275, 0.3490, 0.6863 |
| CMYK | 0.00, 0.33, 0.68, 0.03 |
| HSL | 31°, 92%, 64% |
| HSV | 31°, 68%, 97% |
| XYZ | 53.7956, 47.8081, 13.9820 |
| YIQ | 180.7140, 76.4780, -9.3620 |

Conversions

Conversions Part 2

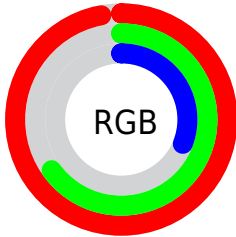
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 240, 248, 80 |
| Decimal | 16295504 |
| CIE Lab | 74.70, 22.63, 55.48 |
| CIE LCh | 75, 59.921, 67.813 |
| Yxy | 47.8081, 0.4654, 0.4136 |
| Android (android.graphics.Color) | 4294485584 (0xFFFF8A650) |
| YUV | 180.7140, -49.6520, 59.0098 |
| Hunter-Lab | 69.1434, 17.8773, 36.4109 |

Details

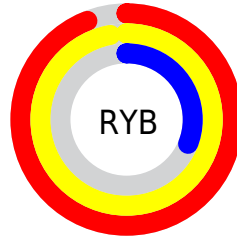
The Decimal color **16295504** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **5284600**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16768388**, and **12284443** is the 20% darker color. If you saturate the color by 10%, you get **16292407**, and if you desaturate by 10%, it is **16298601**.

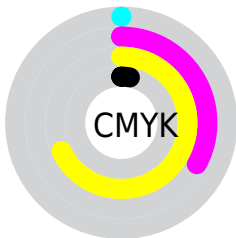
Distribution



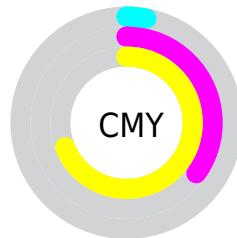
- Red (97%)
- Green (65%)
- Blue (31%)



- Red (94%)
- Yellow (97%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (3%)



- Cyan (3%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16295504 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 16295504 by changing the saturation by 10% instead.

 16295504

 16295504

16777215

 14257206

 16768388

 12284443

 16775840

 10311936

 16777147

 8405248

 16777176

 6499072

 16777205

 4658432

 2949120

 0

 16295504

 16295504

16292407

16298601

16289310

16301698

16286214

16304794

16285440

16307891

16311244

16314341

16317438

16318463

Harmonies

Analogous

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



16749175



16295504



13220420

Triad

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



16295504



54213



13542399

Complementary

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



16295504



5284600

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.



7125503



16295504



53754

Square

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



16295504



3395724



51711



16748515

Rectangle

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



16295504



10798161



51711



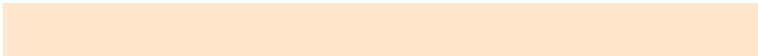
11840511

Sweetspot

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



16295504



16770764



16273572



8417633



0



8421504

Same Dimension

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



16295504



16751152



16316496



8222576



12411136



4005632

Inverse Universe

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



5284600



3184127



5263608



7370621



23741



7741

Previews

White Background



This preview shows how the Decimal color 16295504 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 16295504 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 16295504 Background



This preview shows how black text looks on a background with the Decimal color 16295504.




This preview shows how white text looks on a background with the Decimal color 16295504.

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](#).

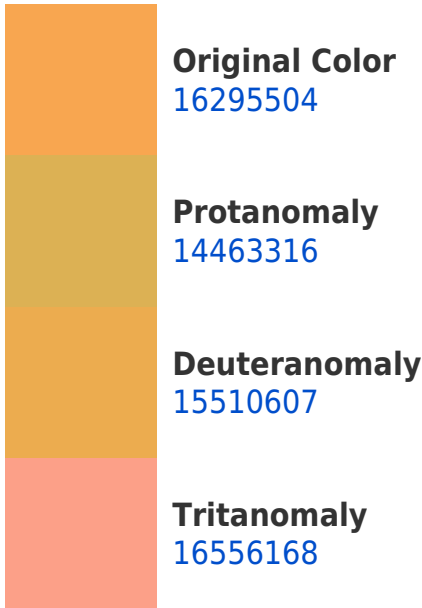
Dichromacy





Tritanopia
16686248

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16295504 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 #F8A650 looks like.

```
.text, #text, p{  
    color:#F8A650  
}
```

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 #F8A650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8A650
}
```

Border

The CSS property to change the border of an element to Decimal 16295504 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
#F8A650 }
```

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

```
.border{ border-color:#F8A650 }
```

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

Here you see how a box with a 4 pixel #F8A650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8A650; -webkit-box-shadow:4px 4px  
4px 4px #F8A650; box-shadow:4px 4px 4px  
4px #F8A650 }
```

Background

The CSS property to change the background color of an element to Decimal 16295504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8A650 }
```

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

```
.background{ background-color:#F8A650 }
```

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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