

# Converting Colors

Decimal(16426101)

Have a look what the booklet for  
Decimal(16426101) contains.

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# **Color**

**Decimal(16426101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAA475
RGB	250, 164, 117
RGB Percent	98%, 64%, 46%
CMY	0.0196, 0.3569, 0.5412
CMYK	0.00, 0.34, 0.53, 0.02
HSL	21°, 93%, 72%
HSV	21°, 53%, 98%
XYZ	55.9107, 48.1593, 23.1785
YIQ	184.3560, 66.3430, 3.6150

# Conversions

## Conversions Part 2

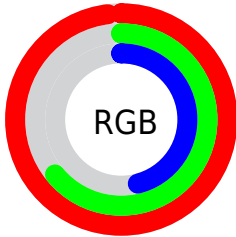
Format	Color
<b>R<sub>YB</sub></b>	250, 190, 117
Decimal	16426101
CIE <sub>Lab</sub>	74.93, 27.02, 37.35
CIE <sub>LCh</sub>	75, 46.101, 54.112
Yxy	48.1593, 0.4394, 0.3785
Android (android.graphics.Color)	4294616181 (0xFFFAA475)
YUV	184.3560, -33.2065, 57.5698
Hunter-Lab	69.3969, 22.3668, 28.7750

# Details

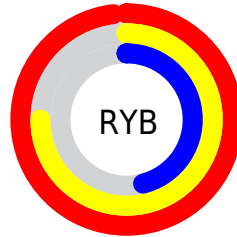
The Decimal color **16426101** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **7719930**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16767914**, and **12480580** is the 20% darker color. If you saturate the color by 10%, you get **16421980**, and if you desaturate by 10%, it is **16430222**.

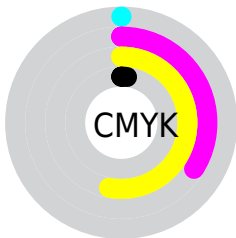
# Distribution



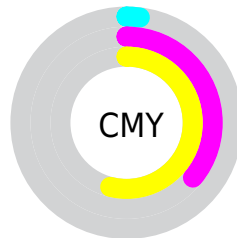
- Red (98%)
- Green (64%)
- Blue (46%)



- Red (98%)
- Yellow (75%)
- Blue (46%)



- Cyan (0%)
- Magenta (34%)
- Yellow (53%)
- Black (2%)

















- Cyan (2%)
- Magenta (36%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16426101 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 16426101 by changing the saturation by 10% instead.



 16426101	 16426101
16777215	 14453084
 16767914	 12480580
 16775365	 10573612
 16777185	 8666901
16777214	 6825728
	 4984832
	 3276800
	 851968
	 0

16426101

16426101

16421980

16430222

16417859

16434343

16413738

16438464

16409361

16442841

16406528

16446962

16449535

# Harmonies

## Analogous

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



16750744



16426101



14398307

# Triad

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



16426101



3853998



11579903

# Complementary

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



16426101



7719930

# 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.



6537215



16426101



52954

# Square

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



16426101



8309125



51708



15114731

# Rectangle

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



16426101



12565604



51708



10073855

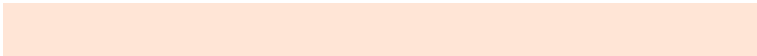


# Sweetspot

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



16426101



16770518



16414155



8417383



0



8421504



# Same Dimension

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



16426101



16749916



16442997



8222064



12403456



4003328



# Inverse Universe

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



7719930



6079999



7703034



7371133



31421



10301



# Previews

## White Background



This preview shows how the Decimal color 16426101 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 16426101 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 16426101 Background



This preview shows how black text looks on a background with the Decimal color 16426101.




This preview shows how white text looks on a background with the Decimal color 16426101.

# 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**  
16686505

# Trichromacy



**Original Color**  
16426101

**Protanomaly**  
14332282

**Deuteranomaly**  
15314035

**Tritanomaly**  
16621718

# Monochromacy



**Original Color**  
16426101

**Achromatopsia**  
12105912

**Achromatomaly**  
13676960

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16426101 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 #FAA475 looks like.

```
.text, #text, p{  
  color:#FAA475  
}
```

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 #FAA475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAA475  
}
```

## Border

The CSS property to change the border of an element to Decimal 16426101 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  
#FAA475 }
```

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

```
.border{ border-color:#FAA475 }
```

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

Here you see how a box with a 4 pixel #FAA475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAA475; -webkit-box-shadow:4px 4px  
4px 4px #FAA475; box-shadow:4px 4px 4px  
4px #FAA475 }
```

# Background

The CSS property to change the background color of an element to Decimal 16426101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAA475 }
```

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

```
.background{ background-color:#FAA475 }
```

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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