

# Converting Colors

Decimal(16495466)

Have a look what the booklet for  
Decimal(16495466) contains.

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# **Color**

**Decimal(16495466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBB36A
RGB	251, 179, 106
RGB Percent	98%, 70%, 42%
CMY	0.0157, 0.2980, 0.5843
CMYK	0.00, 0.29, 0.58, 0.02
HSL	30°, 95%, 70%
HSV	30°, 58%, 98%
XYZ	58.5053, 53.7900, 20.9346
YIQ	192.2060, 66.3450, -7.4390

# Conversions

## Conversions Part 2

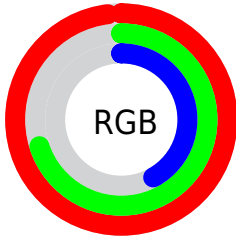
Format	Color
RYB	249, 251, 106
Decimal	16495466
CIELab	78.34, 18.69, 47.22
CIELCh	78, 50.785, 68.404
Yxy	53.7900, 0.4391, 0.4037
Android (android.graphics.Color)	4294685546 (0xFFFB36A)
YUV	192.2060, -42.4996, 51.5623
Hunter-Lab	73.3417, 14.0430, 34.4155

# Details

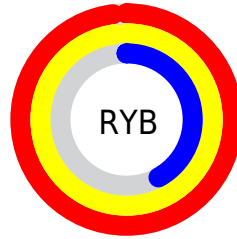
The Decimal color **16495466** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6992635**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **16771999**, and **12549688** is the 20% darker color. If you saturate the color by 10%, you get **16492369**, and if you desaturate by 10%, it is **16498563**.

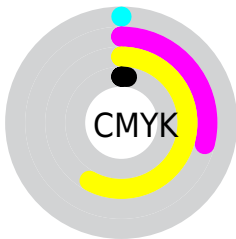
# Distribution



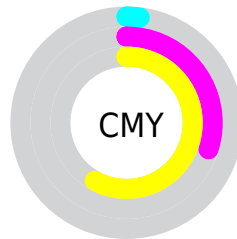
- Red (98%)
- Green (70%)
- Blue (42%)



- Red (98%)
- Yellow (98%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (58%)
- Black (2%)



















- Cyan (2%)
- Magenta (30%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16495466 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 16495466 by changing the saturation by 10% instead.



 16495466	 16495466
 16777215	 14522449
 16771999	 12549688
 16777146	 10642719
 16777174	 8736001
 16777203	 6895104
	 5054464
	 3279616
	 1572865
	 0

16495466

16495466

16492369

16498563

16489016

16501916

16485919

16505013

16482566

16508366

16481792

16511463

16514815

16515071

# Harmonies

## Analogous

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



16753545



16495466



13812578

# Triad

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



16495466



56014



14201087

# Complementary

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



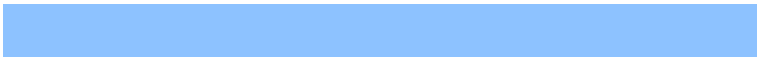
16495466



6992635

# 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.



9290495



16495466



55547

# Square

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



16495466



6281373



53503



16752870

# Rectangle

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



16495466



11652204



53503



12760831

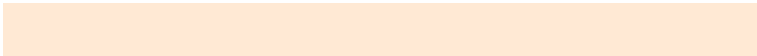


# Sweetspot

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



16495466



16771540



16476851



8418150



0



8421504



# Same Dimension

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



16495466



16754767



16513898



8222576



12410624



4005632



# Inverse Universe

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



6992635



5220095



6974203



7370621



24253



7741



# Previews

## White Background



This preview shows how the Decimal color 16495466 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 16495466 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

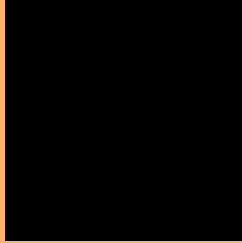
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16495466 Background



This preview shows how black text looks on a background with the Decimal color 16495466.



This preview shows how white text looks on a background with the Decimal color 16495466.

# 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**  
16755639

# Trichromacy



**Original Color**  
16495466

**Protanomaly**  
14925165

**Deuteranomaly**  
15972201

**Tritanomaly**  
16690843

# Monochromacy



**Original Color**  
16495466

**Achromatopsia**  
12632256

**Achromatomaly**  
14007201

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16495466 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 #FBB36A looks like.

```
.text, #text, p{  
    color:#FBB36A  
}
```

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 #FBB36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBB36A
}
```

## Border

The CSS property to change the border of an element to Decimal 16495466 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
#FBB36A }
```

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

```
.border{ border-color:#FBB36A }
```

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

Here you see how a box with a 4 pixel #FBB36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBB36A; -webkit-box-shadow:4px 4px  
4px 4px #FBB36A; box-shadow:4px 4px 4px  
4px #FBB36A }
```

# Background

The CSS property to change the background color of an element to Decimal 16495466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBB36A }
```

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

```
.background{ background-color:#FBB36A }
```

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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