

Converting Colors

Decimal(16042404)

Have a look what the booklet for
Decimal(16042404) contains.

Decimal(16042404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16042404)

Conversions

Conversions Part 1

Format	Color
Hex	F4C9A4
RGB	244, 201, 164
RGB Percent	96%, 79%, 64%
CMY	0.0431, 0.2118, 0.3569
CMYK	0.00, 0.18, 0.33, 0.04
HSL	28°, 78%, 80%
HSV	28°, 33%, 96%
XYZ	64.8957, 63.6867, 43.9944
YIQ	209.6390, 37.5050, -2.3910

Conversions

Conversions Part 2

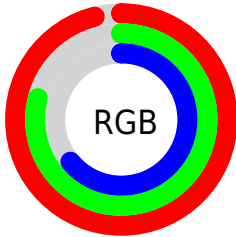
Format	Color
R _Y B	244, 233, 164
Decimal	16042404
CIE Lab	83.80, 10.10, 24.22
CIE LCh	84, 26.237, 67.365
Yxy	63.6867, 0.3760, 0.3690
Android (android.graphics.Color)	4294232484 (0xFFFF4C9A4)
YUV	209.6390, -22.5000, 30.1346
Hunter-Lab	79.8040, 5.4973, 23.1774

Details

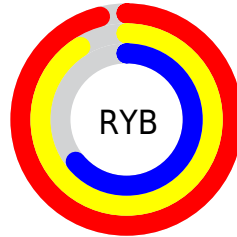
The Decimal color **16042404** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10801140**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16777179**, and **12292976** is the 20% darker color. If you saturate the color by 10%, you get **16039052**, and if you desaturate by 10%, it is **16045756**.

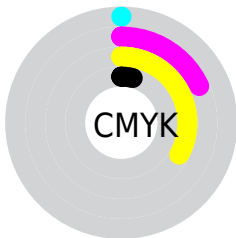
Distribution



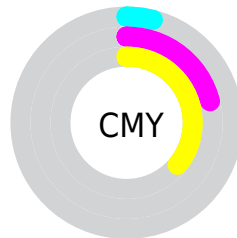
- Red (96%)
- Green (79%)
- Blue (64%)



- Red (96%)
- Yellow (91%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (4%)
















- Cyan (4%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16042404 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 16042404 by changing the saturation by 10% instead.

 16042404	 16042404
16777215	 14134922
 16777179	 12292976
 16777208	 10451287
	 8675392
	 6900009
	 5255700
	 3677440
	 2098432
	 0

 16042404

 16042404

 16039052

 16045756

 16035699

 16049109

 16032347

 16052461

 16028994

 16055807

 16025386

 16056319

 16022034

 16019712

Harmonies

Analogous

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



16761524



16042404



14537120

Triad

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



16042404



9560022



14535160

Complementary

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



16042404



10801140

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.



12374527



16042404



9166574

Square

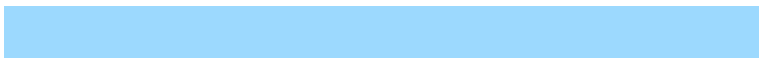
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16042404



10935741



10279422



16171748

Rectangle

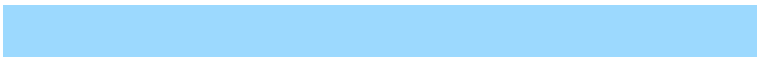
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16042404



13358757



10279422



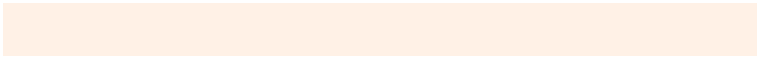
13814781

Sweetspot

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



16042404



16773606



16032976



8419184



0



8421504

Same Dimension

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



16042404



16763548



16052388



8025198



12211712



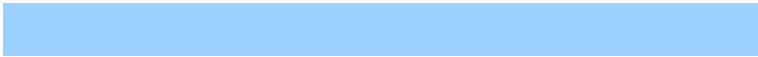
3873536

Inverse Universe

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



10801140



10277375



10791156



7239034



25786



8251

Previews

White Background



This preview shows how the Decimal color 16042404 looks on a white background.

Color Contrast Check

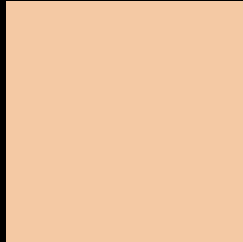
Large Text (above 18pt) WCAG AA × Fail

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 16042404 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 16042404 Background



This preview shows how black text looks on a background with the Decimal color 16042404.




This preview shows how white text looks on a background with the Decimal color 16042404.

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](#).

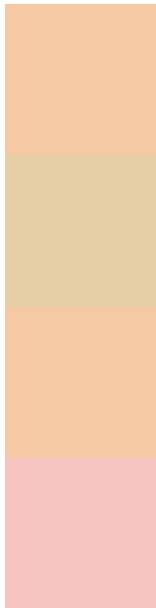
Dichromacy





Tritanopia
16368594

Trichromacy



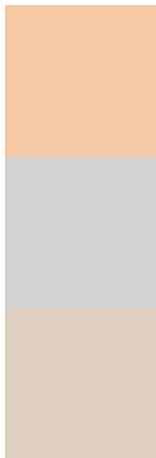
Original Color
16042404

Protanomaly
15126183

Deuteranomaly
16107940

Tritanomaly
16238017

Monochromacy



Original Color
16042404

Achromatopsia
13816530

Achromatomaly
14602177

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16042404 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 #F4C9A4 looks like.

```
.text, #text, p{  
    color:#F4C9A4  
}
```

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 #F4C9A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4C9A4  
}
```

Border

The CSS property to change the border of an element to Decimal 16042404 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  
#F4C9A4 }
```

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

```
.border{ border-color:#F4C9A4 }
```

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

Here you see how a box with a 4 pixel #F4C9A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4C9A4; -webkit-box-shadow:4px 4px  
4px 4px #F4C9A4; box-shadow:4px 4px 4px  
4px #F4C9A4 }
```

Background

The CSS property to change the background color of an element to Decimal 16042404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4C9A4 }
```

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

```
.background{ background-color:#F4C9A4 }
```

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