

Converting Colors

Decimal(16236953)

Have a look what the booklet for
Decimal(16236953) contains.

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Color

Decimal(16236953)

Conversions

Conversions Part 1

Format	Color
Hex	F7C199
RGB	247, 193, 153
RGB Percent	97%, 76%, 60%
CMY	0.0314, 0.2431, 0.4000
CMYK	0.00, 0.22, 0.38, 0.03
HSL	26°, 85%, 78%
HSV	26°, 38%, 97%
XYZ	63.1775, 60.2140, 38.4296
YIQ	204.5860, 45.0240, -0.9920

Conversions

Conversions Part 2

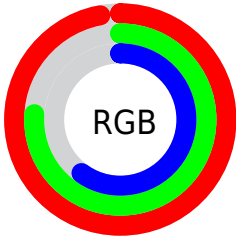
Format	Color
R _Y B	247, 223, 153
Decimal	16236953
CIE Lab	81.95, 14.14, 27.55
CIE LCh	82, 30.965, 62.824
Yxy	60.2140, 0.3904, 0.3721
Android (android.graphics.Color)	4294427033 (0xFFF7C199)
YUV	204.5860, -25.4319, 37.1971
Hunter-Lab	77.5977, 9.5330, 24.9555

Details

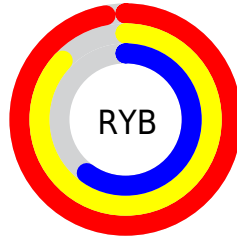
The Decimal color **16236953** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10080247**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16775632**, and **12421990** is the 20% darker color. If you saturate the color by 10%, you get **16233344**, and if you desaturate by 10%, it is **16240562**.

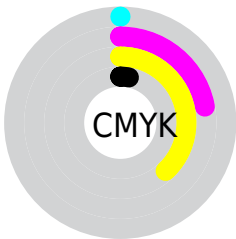
Distribution



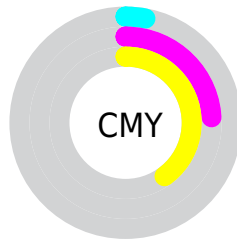
- Red (97%)
- Green (76%)
- Blue (60%)



- Red (97%)
- Yellow (87%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (38%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16236953 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 16236953 by changing the saturation by 10% instead.

 16236953

 16236953

16777215

 14329471

 16775632

 12421990

 16777196

 10580557

 8739126

 6963744

 5253897

 3610112

 2097152

 0

 16236953

 16236953

 16233344

 16240562

 16229736

 16244170

 16225871

 16248035

 16222262

 16251644

 16218653

 16252927

 16215045

 16214272

Harmonies

Analogous

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



16759214



16236953



14601106

Triad

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



16236953



8445134



13943805

Complementary

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



16236953



10080247

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.



11259647



16236953



7592938

Square

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



16236953



10345136



8771327



15973095

Rectangle

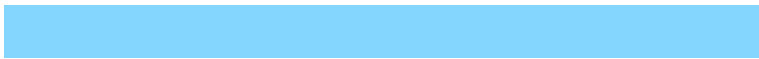
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16236953



13291926



8771327



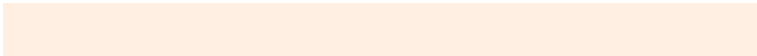
13092863

Sweetspot

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



16236953



16773091



16226768



8418927



0



8421504

Same Dimension

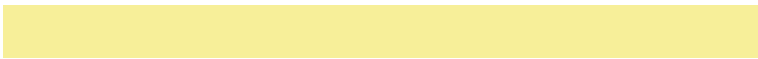
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16236953



16759946



16248729



8024942



12209920



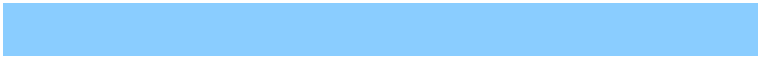
3873024

Inverse Universe

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



10080247



9096703



10068471



7239034



27578



8763

Previews

White Background



This preview shows how the Decimal color 16236953 looks on a white background.

Color Contrast Check

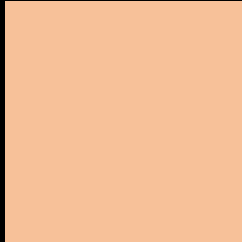
Large Text (above 18pt) WCAG AA × Fail

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 16236953 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 16236953 Background



This preview shows how black text looks on a background with the Decimal color 16236953.




This preview shows how white text looks on a background with the Decimal color 16236953.

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
16562889

Trichromacy



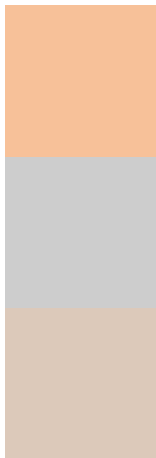
Original Color
16236953

Protanomaly
15059100

Deuteranomaly
15975320

Tritanomaly
16432568

Monochromacy



Original Color
16236953

Achromatopsia
13487565

Achromatomaly
14469562

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16236953 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 #F7C199 looks like.

```
.text, #text, p{  
    color:#F7C199  
}
```

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 #F7C199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7C199
}
```

Border

The CSS property to change the border of an element to Decimal 16236953 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
#F7C199 }
```

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

```
.border{ border-color:#F7C199 }
```

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

Here you see how a box with a 4 pixel #F7C199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7C199; -webkit-box-shadow:4px 4px  
4px 4px #F7C199; box-shadow:4px 4px 4px  
4px #F7C199 }
```

Background

The CSS property to change the background color of an element to Decimal 16236953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7C199 }
```

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

```
.background{ background-color:#F7C199 }
```

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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