

Converting Colors

Decimal(16632201)

Have a look what the booklet for
Decimal(16632201) contains.

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Color

Decimal(16632201)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDC989 |
| RGB | 253, 201, 137 |
| RGB Percent | 99%, 79%, 54% |
| CMY | 0.0078, 0.2118, 0.4627 |
| CMYK | 0.00, 0.21, 0.46, 0.01 |
| HSL | 33°, 97%, 76% |
| HSV | 33°, 46%, 99% |
| XYZ | 65.9100, 64.4621, 32.6355 |
| YIQ | 209.2520, 51.5360, -8.8800 |

Conversions

Conversions Part 2

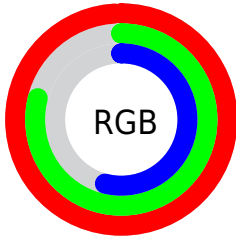
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 253, 137 |
| Decimal | 16632201 |
| CIE Lab | 84.21, 10.64, 38.92 |
| CIE LCh | 84, 40.350, 74.710 |
| Yxy | 64.4621, 0.4043, 0.3955 |
| Android (android.graphics.Color) | 4294822281 (0xFFFDC989) |
| YUV | 209.2520, -35.6202, 38.3670 |
| Hunter-Lab | 80.2883, 6.0292, 32.1017 |

Details

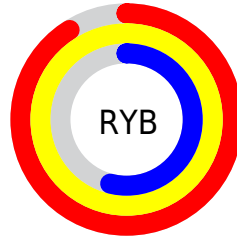
The Decimal color **16632201** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9027069**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16777151**, and **12751702** is the 20% darker color. If you saturate the color by 10%, you get **16629360**, and if you desaturate by 10%, it is **16635042**.

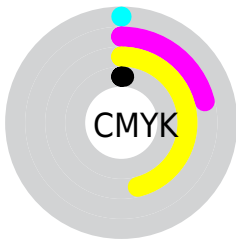
Distribution



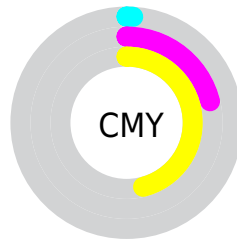
- Red (99%)
- Green (79%)
- Blue (54%)



- Red (91%)
- Yellow (99%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (1%)


















- Cyan (1%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16632201 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 16632201 by changing the saturation by 10% instead.

| | |
|--|---|
|  16632201 |  16632201 |
|  16777215 |  14659183 |
|  16777151 |  12751702 |
|  16777179 |  10910014 |
|  16777208 |  9068838 |
| |  7227661 |
| |  5517824 |
| |  3808512 |
| |  2229760 |
| |  0 |

 16632201

 16632201

 16629360

 16635042

 16626262

 16638140

 16623421

 16640981

 16620580

 16643822

 16617482

16646143

 16616448

Harmonies

Analogous

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



16760222



16632201



14276232

Triad

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



16632201



5498852



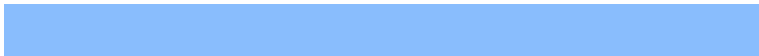
15647487

Complementary

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



16632201



9027069

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.



12308479



16632201



5039359

Square

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



16632201



8447421



8313855



16758759

Rectangle

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



16632201



12443026



8313855



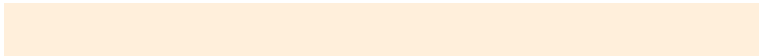
14665471

Sweetspot

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



16632201



16773083



16615869



8418922



0



8421504

Same Dimension

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



16632201



16760947



16252297



8419955



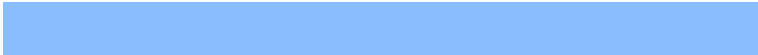
12544512



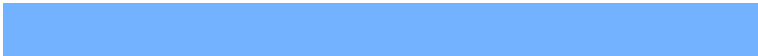
4203264

Inverse Universe

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



9027069



7582463



9406973



7567488



22207



7488

Previews

White Background



This preview shows how the Decimal color 16632201 looks on a white background.

Color Contrast Check

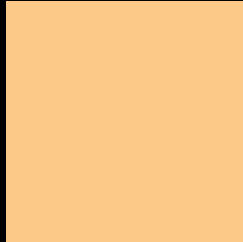
Large Text (above 18pt) WCAG AA × Fail

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 16632201 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 16632201 Background



This preview shows how black text looks on a background with the Decimal color 16632201.



This preview shows how white text looks on a background with the Decimal color 16632201.

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
16761551

Trichromacy



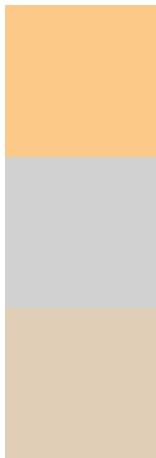
Original Color
16632201

Protanomaly
15585164

Deuteranomaly
16632201

Tritanomaly
16696758

Monochromacy



Original Color
16632201

Achromatopsia
13750737

Achromatomaly
14798519

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16632201 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 #FDC989 looks like.

```
.text, #text, p{  
    color:#FDC989  
}
```

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 #FDC989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDC989
}
```

Border

The CSS property to change the border of an element to Decimal 16632201 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
#FDC989 }
```

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

```
.border{ border-color:#FDC989 }
```

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

Here you see how a box with a 4 pixel #FDC989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDC989; -webkit-box-shadow:4px 4px  
4px 4px #FDC989; box-shadow:4px 4px 4px  
4px #FDC989 }
```

Background

The CSS property to change the background color of an element to Decimal 16632201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDC989 }
```

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

```
.background{ background-color:#FDC989 }
```

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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