

Converting Colors

Decimal(16253002)

Have a look what the booklet for
Decimal(16253002) contains.

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Color

Decimal(16253002)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8004A |
| RGB | 248, 0, 74 |
| RGB Percent | 97%, 0%, 29% |
| CMY | 0.0275, 1.0000, 0.7098 |
| CMYK | 0.00, 1.00, 0.70, 0.03 |
| HSL | 342°, 100%, 49% |
| HSV | 342°, 100%, 97% |
| XYZ | 39.9474, 20.4509, 8.3205 |
| YIQ | 82.5880, 124.0540, 75.5900 |

Conversions

Conversions Part 2

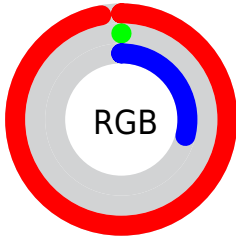
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 248, 0, 74 |
| Decimal | 16253002 |
| CIE Lab | 52.34, 79.95, 32.96 |
| CIE LCh | 52, 86.476, 22.406 |
| Yxy | 20.4509, 0.5813, 0.2976 |
| Android (android.graphics.Color) | 4294443082 (0xFFFF8004A) |
| YUV | 82.5880, -4.2339, 145.0663 |
| Hunter-Lab | 45.2226, 78.5384, 20.7471 |

Details

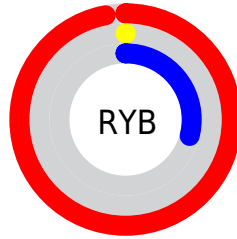
The Decimal color **16253002** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **63662**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **16736378**, and **11927583** is the 20% darker color. If you saturate the color by 10%, you get **16253002**, and if you desaturate by 10%, it is **16259419**.

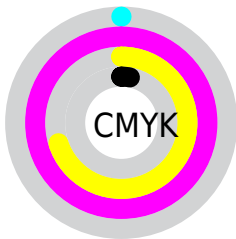
Distribution



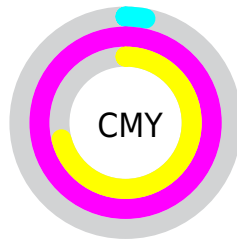
- Red (97%)
- Green (0%)
- Blue (29%)



- Red (97%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16253002 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 16253002 by changing the saturation by 10% instead.

| | |
|--|--|
|  16253002 |  16253002 |
|  16777215 |  14090292 |
|  16736378 |  11927583 |
|  16744596 |  9830410 |
|  16752303 |  7733250 |
|  16760266 |  5701636 |
|  16767974 |  3604482 |
|  16775935 |  655360 |
| |  0 |

 16253002

 16259419

 16265837

 16271998

 16278416

 16284833

 16291250

 16297668

 16303829

 16310247

Harmonies

Analogous

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



15925395



16253002



14372352

Triad

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



16253002



38153



36095

Complementary

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



16253002



63662

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.



39155



16253002



39527

Square

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



16253002



6457600



40116



2978559

Rectangle

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



16253002



12282112



40116



37631

Sweetspot

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



16253002



16757705



11403512



8409695



0



8421504

Same Dimension

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



16253002



16711756



16265728



8220788



12386360



3997714

Inverse Universe

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



16253002



16711756



50936



8220788



12386360



3997714

Previews

White Background



This preview shows how the Decimal color 16253002 looks on a white background.

Color Contrast Check

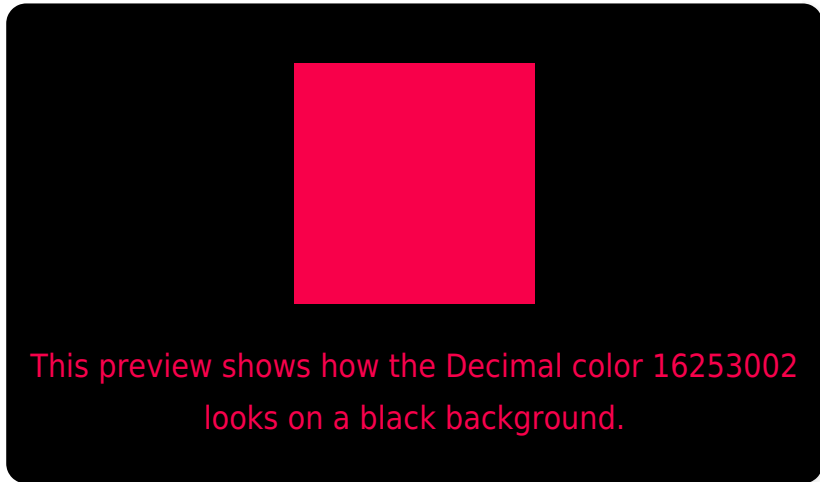
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Decimal 16253002 Background



This preview shows how black text looks on a background with the Decimal color 16253002.

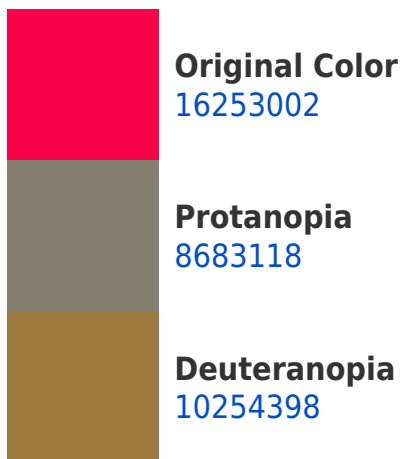


This preview shows how white text looks on a background with the Decimal color 16253002.

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
16195096

Trichromacy



Original Color
16253002



Protanomaly
11423841



Deuteranomaly
12405826



Tritanomaly
16192298

Monochromacy



Original Color
16253002



Achromatopsia
5460819



Achromatomaly
9385296

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16253002 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 #F8004A looks like.

```
.text, #text, p{  
    color:#F8004A  
}
```

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 #F8004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8004A
}
```

Border

The CSS property to change the border of an element to Decimal 16253002 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
#F8004A }
```

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

```
.border{ border-color:#F8004A }
```

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

Here you see how a box with a 4 pixel #F8004A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8004A; -webkit-box-shadow:4px 4px  
4px 4px #F8004A; box-shadow:4px 4px 4px  
4px #F8004A }
```

Background

The CSS property to change the background color of an element to Decimal 16253002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8004A }
```

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

```
.background{ background-color:#F8004A }
```

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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