

Converting Colors

Decimal(16553002)

Have a look what the booklet for
Decimal(16553002) contains.

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Color

Decimal(16553002)

Conversions

Conversions Part 1

Format	Color
Hex	FC942A
RGB	252, 148, 42
RGB Percent	99%, 58%, 16%
CMY	0.0118, 0.4196, 0.8353
CMYK	0.00, 0.41, 0.83, 0.01
HSL	30°, 97%, 58%
HSV	30°, 83%, 99%
XYZ	51.1527, 42.0424, 7.6094
YIQ	167.0120, 96.0100, -10.9180

Conversions

Conversions Part 2

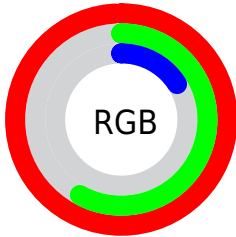
Format	Color
R _Y B	248, 252, 42
Decimal	16553002
CIE Lab	70.90, 32.14, 67.45
CIE LCh	71, 74.711, 64.524
Yxy	42.0424, 0.5074, 0.4171
Android (android.graphics.Color)	4294743082 (0xFFFC942A)
YUV	167.0120, -61.6309, 74.5345
Hunter-Lab	64.8401, 27.3493, 38.4300

Details

The Decimal color **16553002** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2790140**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16763745**, and **12410880** is the 20% darker color. If you saturate the color by 10%, you get **16549905**, and if you desaturate by 10%, it is **16556099**.

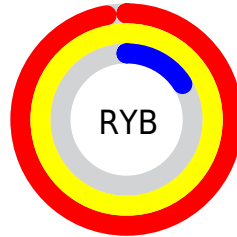
Distribution



Red (99%)

Green (58%)

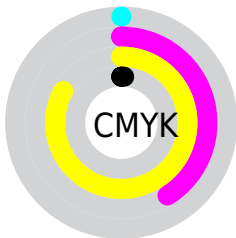
Blue (16%)



Red (97%)

Yellow (99%)

Blue (16%)

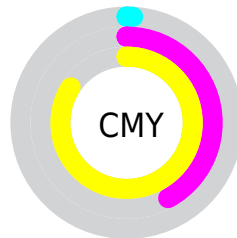


Cyan (0%)

Magenta (41%)

Yellow (83%)

Black (1%)



Cyan (1%)



















Magenta (42%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16553002 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 16553002 by changing the saturation by 10% instead.

 16553002	 16553002
16777215	 14449154
 16763745	 12410880
 16770941	 10373120
 16777112	 8400896
 16777140	 6428672
 16777168	 4587520
 16777197	 3014657
	 0
 16553002	 16553002

16549905

16556099

16547584

16559452

16562550

16565903

16569000

16572353

16575450

16578804

16580607

Harmonies

Analogous

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



16742244



16553002



12955136

Triad

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



16553002



52662



12294143

Complementary

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



16553002



2790140

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.



45823



16553002



52473

Square

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



16553002



51568



50431



16742633

Rectangle

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



16553002



10009114



50431



9740799

Sweetspot

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



16553002



16768959



16525971



8416601



0



8421504

Same Dimension

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



16553002



16744704



16579626



8222576



12410624



4005632

Inverse Universe

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



2790140



32511



2763516



7370621



23997



7741

Previews

White Background



This preview shows how the Decimal color 16553002 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 16553002 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 16553002 Background



This preview shows how black text looks on a background with the Decimal color 16553002.



This preview shows how white text looks on a background with the Decimal color 16553002.

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



Original Color
16553002

Protanopia
12824113

Deuteranopia
14394657



Tritanopia
16747413

Trichromacy



Original Color
16553002

Protanomaly
14198062

Deuteranomaly
15179556

Tritanomaly
16682606

Monochromacy



Original Color
16553002

Achromatopsia
10987431

Achromatomaly
13017210

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16553002 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 #FC942A looks like.

```
.text, #text, p{  
    color:#FC942A  
}
```

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 #FC942A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC942A
}
```

Border

The CSS property to change the border of an element to Decimal 16553002 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
#FC942A }
```

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

```
.border{ border-color:#FC942A }
```

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

Here you see how a box with a 4 pixel #FC942A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC942A; -webkit-box-shadow:4px 4px  
4px 4px #FC942A; box-shadow:4px 4px 4px  
4px #FC942A }
```

Background

The CSS property to change the background color of an element to Decimal 16553002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC942A }
```

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

```
.background{ background-color:#FC942A }
```

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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