

# Converting Colors

Decimal(16531522)

Have a look what the booklet for  
Decimal(16531522) contains.

<b>Decimal(16531522)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(16531522)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC4042
RGB	252, 64, 66
RGB Percent	99%, 25%, 26%
CMY	0.0118, 0.7490, 0.7412
CMYK	0.00, 0.75, 0.74, 0.01
HSL	359°, 97%, 62%
HSV	359°, 75%, 99%
XYZ	42.9616, 24.7556, 7.6682
YIQ	120.4400, 111.4060, 40.4780

# Conversions

## Conversions Part 2

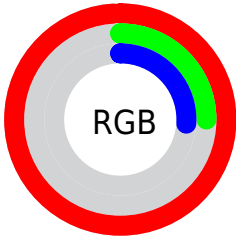
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 64, 66
Decimal	16531522
CIE <sub>Lab</sub>	56.84, 69.77, 42.99
CIE <sub>LCh</sub>	57, 81.952, 31.638
Yxy	24.7556, 0.5699, 0.3284
Android (android.graphics.Color)	4294721602 (0xFFFC4042)
YUV	120.4400, -26.8389, 115.3781
Hunter-Lab	49.7550, 67.0571, 25.6907

# Details

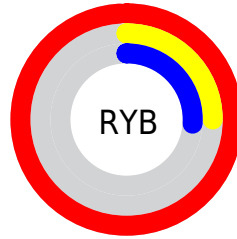
The Decimal color **16531522** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **4259066**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **16743795**, and **12255254** is the 20% darker color. If you saturate the color by 10%, you get **16525097**, and if you desaturate by 10%, it is **16537947**.

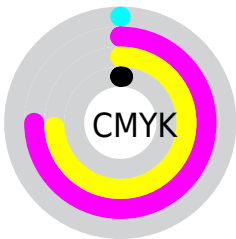
# Distribution



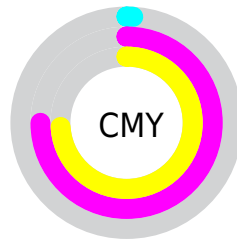
- Red (99%)
- Green (25%)
- Blue (26%)



- Red (99%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (1%)



- Cyan (1%)
- Magenta (75%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16531522 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 16531522 by changing the saturation by 10% instead.





16531522



16531522

16777215



14358315



16743795



12255254



16751500



10158080



16758951



8060928



16766658



5963778



16774366



4063235



16777211



1703937



0



16531522



16531522

■ 16525097

■ 16537947

■ 16518672

■ 16544372

■ 16515075

■ 16551053

■ 16557478

■ 16563903

■ 16570328

■ 16576753

■ 16580607

# Harmonies

## Analogous

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



16721032



16531522



14248192

# Triad

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



16531522



41791



37375

# Complementary

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



16531522



4259066

# 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.



41471



16531522



42890

# Square

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



16531522



5806336



42962



8745983

# Rectangle

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



16531522



11959808



42962



38911



# Sweetspot

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



16531522



16762823



16335100



8412767



0



8421504



# Same Dimension

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



16531522



16718108



16554816



8220785



12386306



3997697



# Inverse Universe

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



16531522



16718108



4235772



8220785



12386306



3997697



# Previews

## White Background



This preview shows how the Decimal color 16531522 looks on a white background.

## Color Contrast Check

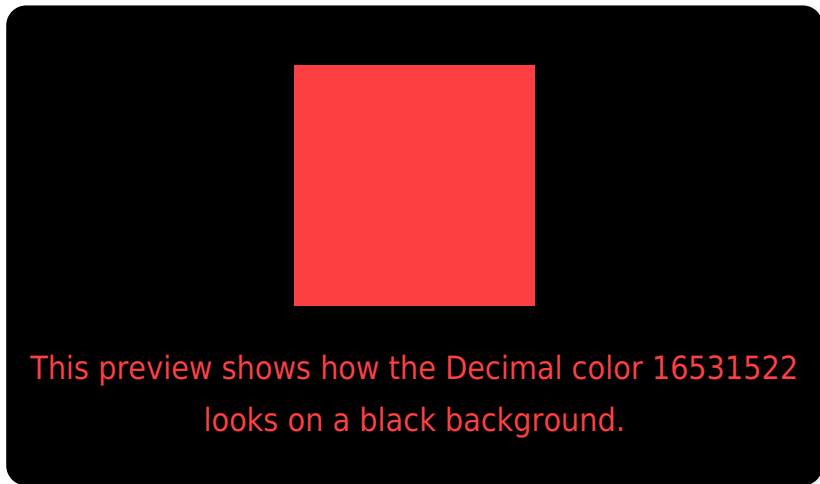
Large Text (above 18pt) WCAG AA ✓ Pass

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 16531522 Background



This preview shows how black text looks on a background with the Decimal color 16531522.

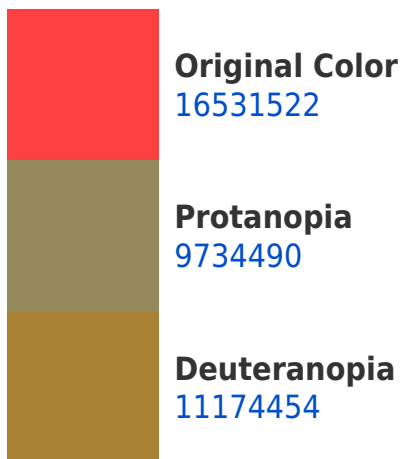


This preview shows how white text looks on a background with the Decimal color 16531522.

# 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





# Trichromacy



**Original Color**  
16531522

**Protanomaly**  
12217937

**Deuteranomaly**  
13134394

**Tritanomaly**  
16531522

# Monochromacy



**Original Color**  
16531522

**Achromatopsia**  
7895160

**Achromatomaly**  
11035748

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16531522 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 #FC4042 looks like.

```
.text, #text, p{  
  color:#FC4042  
}
```

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 #FC4042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC4042
}
```

## Border

The CSS property to change the border of an element to Decimal 16531522 is called "border". The border property can be set on classes, ids or directly on the HTML element.

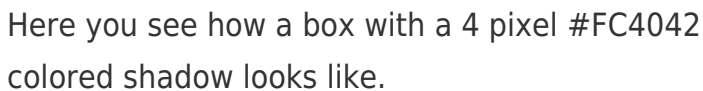
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FC4042 }
```

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

```
.border{ border-color:#FC4042 }
```

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



Here you see how a box with a 4 pixel `#FC4042` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC4042; -webkit-box-shadow:4px 4px  
4px 4px #FC4042; box-shadow:4px 4px 4px  
4px #FC4042 }
```

# Background

The CSS property to change the background color of an element to Decimal 16531522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC4042 }
```

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

```
.background{ background-color:#FC4042 }
```

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