

# Converting Colors

Decimal(16725251)

Have a look what the booklet for  
Decimal(16725251) contains.

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**Color**

**Decimal(16725251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3503
RGB	255, 53, 3
RGB Percent	100%, 21%, 1%
CMY	0.0000, 0.7922, 0.9882
CMYK	0.00, 0.79, 0.99, 0.00
HSL	12°, 100%, 51%
HSV	12°, 99%, 100%
XYZ	42.5295, 23.8128, 2.4409
YIQ	107.6980, 136.4420, 27.2740

# Conversions

## Conversions Part 2

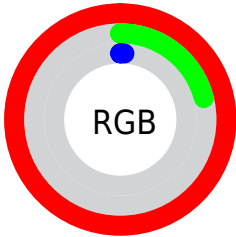
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 65, 3
Decimal	16725251
CIE <sub>Lab</sub>	55.90, 72.52, 67.57
CIE <sub>LCh</sub>	56, 99.121, 42.978
Yxy	23.8128, 0.6183, 0.3462
Android (android.graphics.Color)	4294915331 (0xFFFF3503)
YUV	107.6980, -51.6161, 129.1839
Hunter-Lab	48.7983, 70.1722, 31.1931

# Details

The Decimal color **16725251** is a dark color, and the websafe version is hex **FF3300**, and the color name is **electric orange**. The color can be described as dark saturated red. A complement of this color would be **249343**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16741695**, and **12320768** is the 20% darker color. If you saturate the color by 10%, you get **16724736**, and if you desaturate by 10%, it is **16730396**.

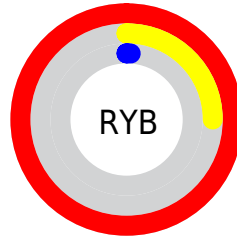
# Distribution



Red (100%)

Green (21%)

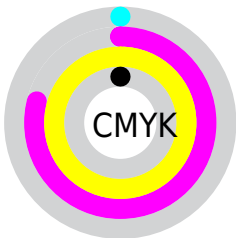
Blue (1%)



Red (100%)

Yellow (25%)

Blue (1%)

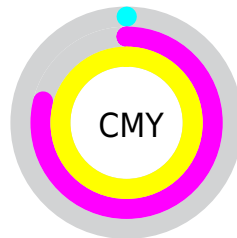


Cyan (0%)

Magenta (79%)

Yellow (99%)

Black (0%)



Cyan (0%)

Magenta (79%)




















Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16725251 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 16725251 by changing the saturation by 10% instead.



 16725251	 16725251
16777215	 14483456
 16741695	 12320768
 16749401	 10158080
 16756851	 7995392
 16764558	 5963778
 16772265	 3997699
 16777157	 1572865
 16777186	 0
 16725251	 16725251

■ 16724736

■ 16730396

■ 16735798

■ 16740944

■ 16746345

■ 16751491

■ 16756892

■ 16762037

■ 16767439

■ 16772585

# Harmonies

## Analogous

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



16711781



16725251



13266688

# Triad

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



16725251



42319



34559

# Complementary

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



16725251



249343

# 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.



40703



16725251



43179

# Square

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



16725251



40448



43003



11687679

# Rectangle

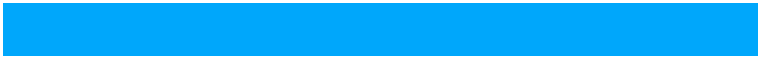
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16725251



10257920



43003



37119



# Sweetspot

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



16725251



16761523



16712657



8411986



0



8421504



# Same Dimension

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



16725251



16724736



16756483



8418675



12527104



4197632

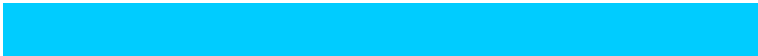


# Inverse Universe

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



249343



52479



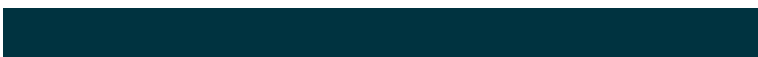
218111



7568768



39359



13120



# Previews

## White Background



This preview shows how the Decimal color 16725251 looks on a white background.

## Color Contrast Check

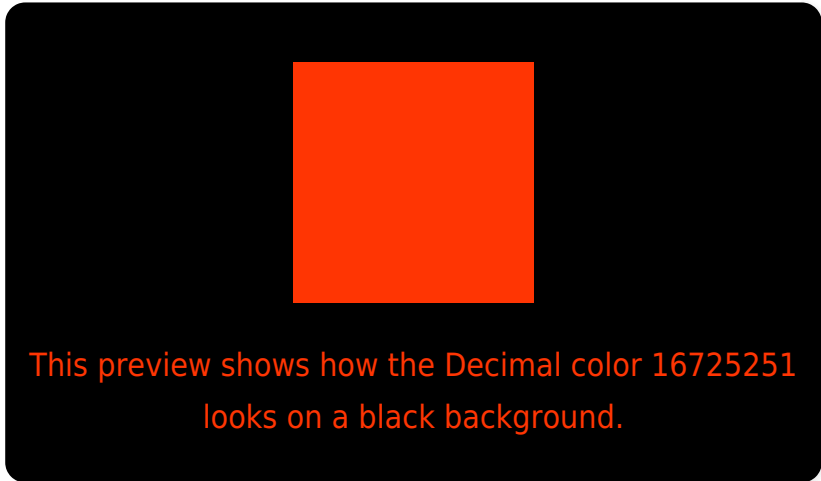
Large Text (above 18pt) WCAG AA ✓ Pass

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 16725251 Background



This preview shows how black text looks on a background with the Decimal color 16725251.



This preview shows how white text looks on a background with the Decimal color 16725251.

# 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**  
16725251

**Protanopia**  
9930526

**Deuteranopia**  
11108352



**Tritanopia**  
16724786

# Trichromacy



**Original Color**  
16725251

**Protanomaly**  
12413204

**Deuteranomaly**  
13133057

**Tritanomaly**  
16725025

# Monochromacy



**Original Color**  
16725251

**Achromatopsia**  
7105644

**Achromatomaly**  
10573894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16725251 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 #FF3503 looks like.

```
.text, #text, p{  
  color:#FF3503  
}
```

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 #FF3503 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3503
}
```

## Border

The CSS property to change the border of an element to Decimal 16725251 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".

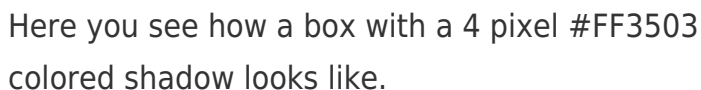
```
.border, #border, table{ border:4px solid
#FF3503 }
```

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

```
.border{ border-color:#FF3503 }
```

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

Here you see how a box with a 4 pixel #FF3503 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3503; -webkit-box-shadow:4px 4px  
4px 4px #FF3503; box-shadow:4px 4px 4px  
4px #FF3503 }
```

# Background

The CSS property to change the background color of an element to Decimal 16725251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3503 }
```

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

```
.background{ background-color:#FF3503 }
```

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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