

# Converting Colors

Decimal(15925258)

Have a look what the booklet for  
Decimal(15925258) contains.

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**Color**

**Decimal(15925258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3000A
RGB	243, 0, 10
RGB Percent	95%, 0%, 4%
CMY	0.0471, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.96, 0.05
HSL	358°, 100%, 48%
HSV	358°, 100%, 95%
XYZ	37.0169, 19.0766, 2.0183
YIQ	73.7970, 141.6180, 54.6260

# Conversions

## Conversions Part 2

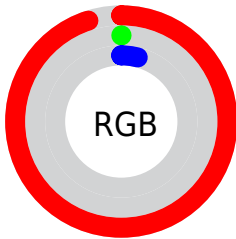
Format	Color
R <sub>Y</sub> B	243, 0, 10
Decimal	15925258
CIE Lab	50.78, 77.31, 62.20
CIE LCh	51, 99.225, 38.820
Yxy	19.0766, 0.6370, 0.3283
Android (android.graphics.Color)	4294115338 (0xFFFF3000A)
YUV	73.7970, -31.4519, 148.3910
Hunter-Lab	43.6768, 74.8480, 27.8339

# Details

The Decimal color **15925258** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **62441**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **16735807**, and **11534336** is the 20% darker color. If you saturate the color by 10%, you get **15925258**, and if you desaturate by 10%, it is **15931425**.

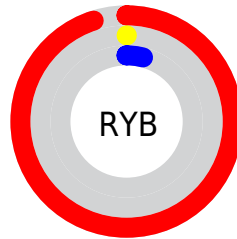
# Distribution



Red (95%)

Green (0%)

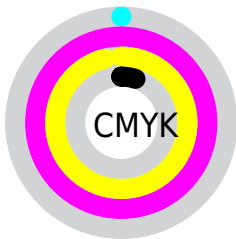
Blue (4%)



Red (95%)

Yellow (0%)

Blue (4%)

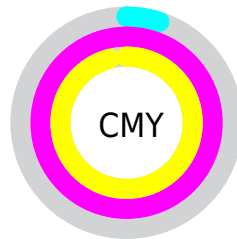


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15925258 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 15925258 by changing the saturation by 10% instead.



 15925258	 15925258
 16777212	 13697024
 16735807	 11534336
 16743768	 9371648
 16751474	 7274498
 16759180	 5242884
 16766887	 3145730
 16774851	 0
 16777183	
 15925258	

 15931425

 15937849

 15944016

 15950183

 15956350

 15962774

 15968941

 15975108

 15981532

# Harmonies

## Analogous

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



16711781



15925258



12737536

# Triad

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



15925258



38453



32511

# Complementary

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



15925258



62441

# 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.



37887



15925258



39313

# Square

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



15925258



36608



39395



9458175

# Rectangle

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



15925258



9860352



39395



34815



# Sweetspot

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



15925258



16757686



15139059



8409683



0



8421504



# Same Dimension

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



15925258



16711690



15953152



8023663



12189704



3866626



# Inverse Universe

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



15925258



16711690



34547



8023663



12189704



3866626



# Previews

## White Background



This preview shows how the Decimal color 15925258 looks on a white background.

## Color Contrast Check

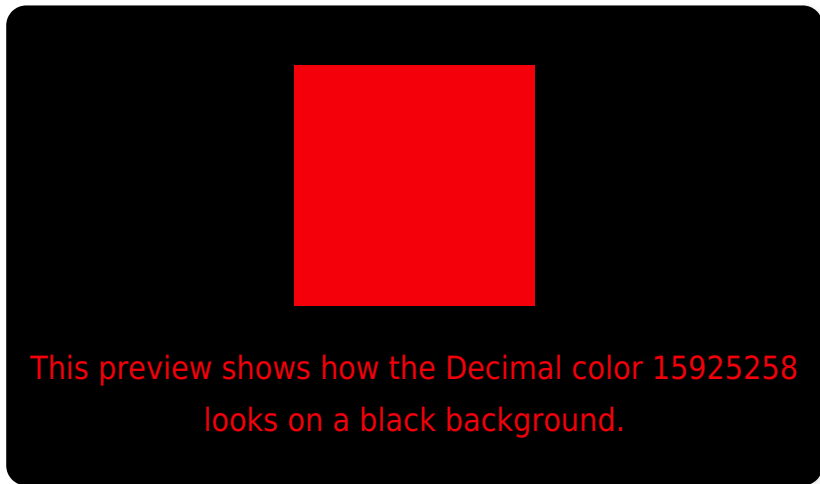
Large Text (above 18pt) WCAG AA ✓ Pass

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 15925258 Background



This preview shows how black text looks on a background with the Decimal color 15925258.



This preview shows how white text looks on a background with the Decimal color 15925258.

# 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**  
15925258

**Protanopia**  
9075490

**Tritanopia**  
15799808

# Trichromacy



**Original Color**  
15925258

**Protanomaly**  
11554329

**Tritanomaly**  
15863300

# Monochromacy



**Original Color**  
15925258

**Achromatopsia**  
4868682

**Achromatomaly**  
8859443

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15925258 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 #F3000A looks like.

```
.text, #text, p{  
    color:#F3000A  
}
```

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 #F3000A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3000A
}
```

## Border

The CSS property to change the border of an element to Decimal 15925258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

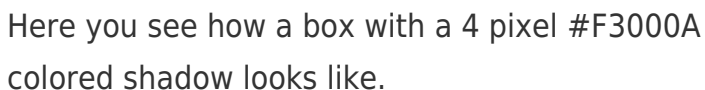
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F3000A }
```

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

```
.border{ border-color:#F3000A }
```

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



Here you see how a box with a 4 pixel #F3000A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3000A; -webkit-box-shadow:4px 4px  
4px 4px #F3000A; box-shadow:4px 4px 4px  
4px #F3000A }
```

# Background

The CSS property to change the background color of an element to Decimal 15925258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3000A }
```

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

```
.background{ background-color:#F3000A }
```

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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