

Converting Colors

Decimal(15731226)

Have a look what the booklet for
Decimal(15731226) contains.

Decimal(15731226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15731226)

Conversions

Conversions Part 1

Format	Color
Hex	F00A1A
RGB	240, 10, 26
RGB Percent	94%, 4%, 10%
CMY	0.0588, 0.9608, 0.8980
CMYK	0.00, 0.96, 0.89, 0.06
HSL	356°, 92%, 49%
HSV	356°, 96%, 94%
XYZ	36.2302, 18.8169, 2.6998
YIQ	80.5940, 131.9440, 53.7360

Conversions

Conversions Part 2

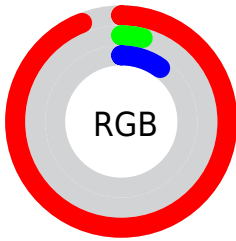
Format	Color
R_{YB}	240, 10, 26
Decimal	15731226
CIE Lab	50.47, 76.01, 56.29
CIE LCh	50, 94.585, 36.519
Yxy	18.8169, 0.6274, 0.3259
Android (android.graphics.Color)	4293921306 (0xFFFF00A1A)
YUV	80.5940, -26.9148, 139.7991
Hunter-Lab	43.3785, 73.1728, 26.6749

Details

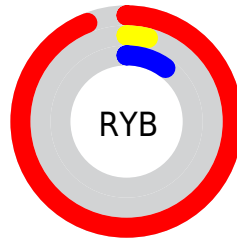
The Decimal color **15731226** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **717024**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **16736330**, and **11403264** is the 20% darker color. If you saturate the color by 10%, you get **15728657**, and if you desaturate by 10%, it is **15737392**.

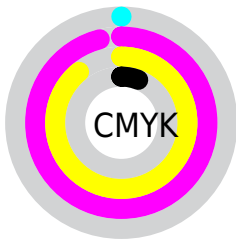
Distribution



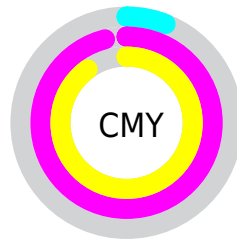
- Red (94%)
- Green (4%)
- Blue (10%)



- Red (94%)
- Yellow (4%)
- Blue (10%)



- Cyan (0%)
- Magenta (96%)
- Yellow (89%)
- Black (6%)



- Cyan (6%)
- Magenta (96%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15731226 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 15731226 by changing the saturation by 10% instead.

 15731226	 15731226
16777215	 13565953
 16736330	 11403264
 16744035	 9240576
 16751741	 7077890
 16759447	 5177348
 16767154	 3014658
 16775118	 0
 16777194	
 15731226	 15731226

■ 15728657

■ 15737392

■ 15743559

■ 15749725

■ 15755891

■ 15762058

■ 15768224

■ 15774390

■ 15780557

■ 15786723

Harmonies

Analogous

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



16646251



15731226



12868096

Triad

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



15731226



37937



32767

Complementary

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



15731226



717024

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.



37631



15731226



38792

Square

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



15731226



1412096



39128



8738812

Rectangle

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



15731226



10187264



39128



34815

Sweetspot

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



15731226



16758202



14486256



8409942



0



8421504

Same Dimension

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



15731226



16711698



15755786



7892077



12058637



3670020

Inverse Universe

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



15731226



16711698



692464



7892077



12058637



3670020

Previews

White Background



This preview shows how the Decimal color 15731226 looks on a white background.

Color Contrast Check

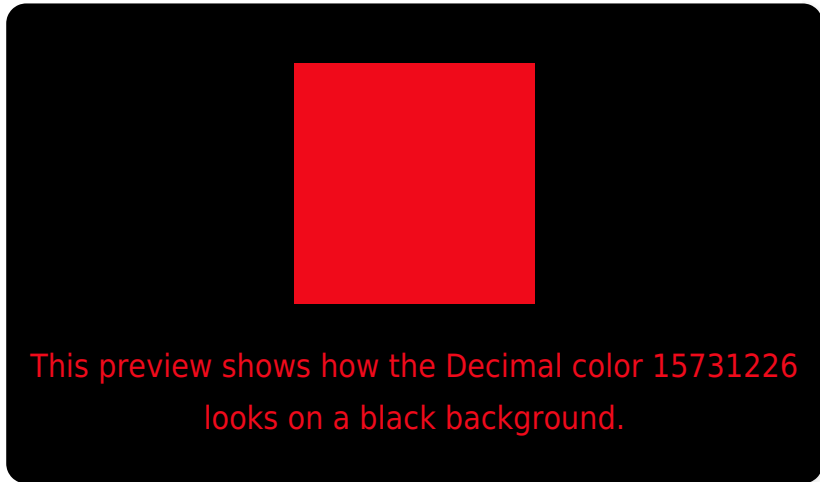
Large Text (above 18pt) WCAG AA ✓ Pass

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 15731226 Background



This preview shows how black text looks on a background with the Decimal color 15731226.



This preview shows how white text looks on a background with the Decimal color 15731226.

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
15731226

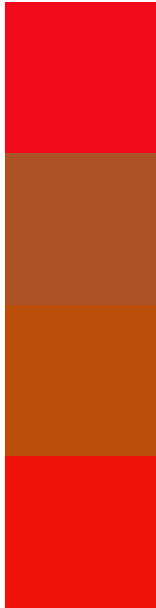
Protanopia
8878639

Deuteranopia
10056448



Tritanopia
15668736

Trichromacy



Original Color
15731226

Protanomaly
11358503

Deuteranomaly
12143881

Tritanomaly
15667721

Monochromacy



Original Color
15731226

Achromatopsia
5329233

Achromatomaly
9123645

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15731226 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 #F00A1A looks like.

```
.text, #text, p{  
    color:#F00A1A  
}
```

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 #F00A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00A1A
}
```

Border

The CSS property to change the border of an element to Decimal 15731226 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
#F00A1A }
```

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

```
.border{ border-color:#F00A1A }
```

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

Here you see how a box with a 4 pixel #F00A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00A1A; -webkit-box-shadow:4px 4px  
4px 4px #F00A1A; box-shadow:4px 4px 4px  
4px #F00A1A }
```

Background

The CSS property to change the background color of an element to Decimal 15731226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00A1A }
```

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

```
.background{ background-color:#F00A1A }
```

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