

Converting Colors

Decimal(15728674)

Have a look what the booklet for
Decimal(15728674) contains.

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Color

Decimal(15728674)

Conversions

Conversions Part 1

Format	Color
Hex	F00022
RGB	240, 0, 34
RGB Percent	94%, 0%, 13%
CMY	0.0588, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.86, 0.06
HSL	352°, 100%, 47%
HSV	352°, 100%, 94%
XYZ	36.2239, 18.6408, 3.2022
YIQ	75.6360, 132.1260, 61.4540

Conversions

Conversions Part 2

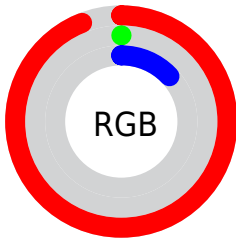
Format	Color
R_{YB}	240, 0, 34
Decimal	15728674
CIE _{Lab}	50.26, 76.89, 52.51
CIE _{LCh}	50, 93.112, 34.332
Yxy	18.6408, 0.6238, 0.3210
Android (android.graphics.Color)	4293918754 (0xFFFF0022)
YUV	75.6360, -20.5265, 144.1472
Hunter-Lab	43.1749, 74.2059, 25.8251

Details

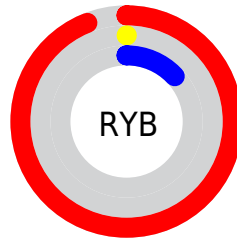
The Decimal color **15728674** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **61646**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **16735825**, and **11403264** is the 20% darker color. If you saturate the color by 10%, you get **15728674**, and if you desaturate by 10%, it is **15734839**.

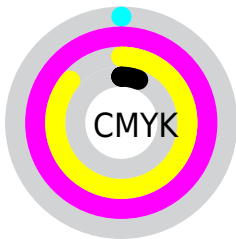
Distribution



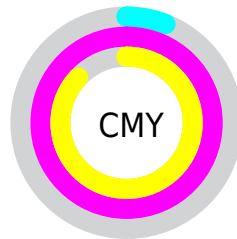
- Red (94%)
- Green (0%)
- Blue (13%)



- Red (94%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15728674 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 15728674 by changing the saturation by 10% instead.

 15728674	 15728674
16777215	 13565963
 16735825	 11403264
 16743786	 9240576
 16751492	 7077890
 16759198	 5177348
 16766905	 3014658
 16774613	 0
 16777202	
 15728674	

 15734839

 15741003

 15747168

 15753332

 15759497

 15765662

 15771826

 15777991

 15784155

Harmonies

Analogous

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



16449648



15728674



12998400

Triad

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



15728674



37674



33023

Complementary

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



15728674



61646

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.



37375



15728674



38530

Square

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



15728674



2722560



38864



7953405

Rectangle

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



15728674



10448896



38864



34815

Sweetspot

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



15728674



16757693



13369584



8409688



0



8421504

Same Dimension

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



15728674



16711716



15750144



7892078



12058650



3670024

Inverse Universe

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



15728674



16711716



40176



7892078



12058650



3670024

Previews

White Background



This preview shows how the Decimal color 15728674 looks on a white background.

Color Contrast Check

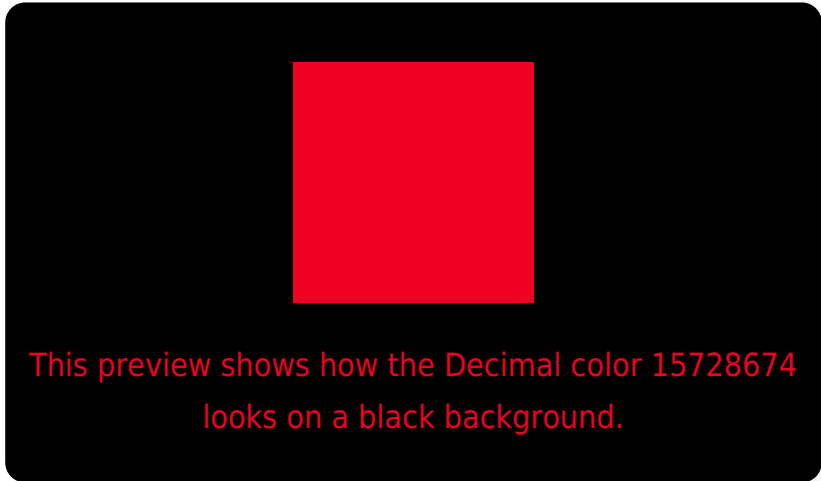
Large Text (above 18pt) WCAG AA ✓ Pass

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 15728674 Background



This preview shows how black text looks on a background with the Decimal color 15728674.



This preview shows how white text looks on a background with the Decimal color 15728674.

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
15728674

Protanopia
8812856

Deuteranopia
10056448



Tritanopia
15668736

Trichromacy



Original Color
15728674



Protanomaly
11357488



Deuteranomaly
12142860



Tritanomaly
15666700

Monochromacy



Original Color
15728674



Achromatopsia
5000268



Achromatomaly
8925245

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15728674 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 #F00022 looks like.

```
.text, #text, p{  
  color:#F00022  
}
```

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 #F00022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00022
}
```

Border

The CSS property to change the border of an element to Decimal 15728674 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
#F00022 }
```

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

```
.border{ border-color:#F00022 }
```

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

Here you see how a box with a 4 pixel #F00022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00022; -webkit-box-shadow:4px 4px  
4px 4px #F00022; box-shadow:4px 4px 4px  
4px #F00022 }
```

Background

The CSS property to change the background color of an element to Decimal 15728674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00022 }
```

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

```
.background{ background-color:#F00022 }
```

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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