

Converting Colors

Decimal(15728685)

Have a look what the booklet for
Decimal(15728685) contains.

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Color

Decimal(15728685)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0002D |
| RGB | 240, 0, 45 |
| RGB Percent | 94%, 0%, 18% |
| CMY | 0.0588, 1.0000, 0.8235 |
| CMYK | 0.00, 1.00, 0.81, 0.06 |
| HSL | 349°, 100%, 47% |
| HSV | 349°, 100%, 94% |
| XYZ | 36.4088, 18.7147, 4.1760 |
| YIQ | 76.8900, 128.5950, 64.8750 |

Conversions

Conversions Part 2

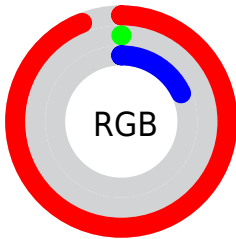
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 240, 0, 45 |
| Decimal | 15728685 |
| CIELab | 50.35, 77.13, 46.95 |
| CIELCh | 50, 90.296, 31.331 |
| Yxy | 18.7147, 0.6140, 0.3156 |
| Android (android.graphics.Color) | 4293918765 (0xFFFF002D) |
| YUV | 76.8900, -15.7218, 143.0475 |
| Hunter-Lab | 43.2605, 74.5229, 24.5591 |

Details

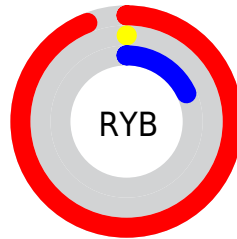
The Decimal color **15728685** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **61635**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **16735836**, and **11403264** is the 20% darker color. If you saturate the color by 10%, you get **15728685**, and if you desaturate by 10%, it is **15734848**.

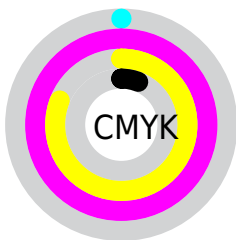
Distribution



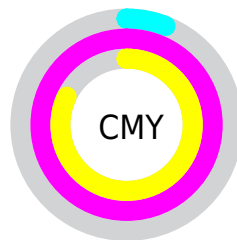
- Red (94%)
- Green (0%)
- Blue (18%)



- Red (94%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15728685 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 15728685 by changing the saturation by 10% instead.

 15728685  15728685

16777215  13565975

 16735836  11403264

 16743797  9240576

 16751503  7143426

 16759209  5177348

 16766917  3080194

 16774881  0

16777214

 15728685

 15734848

 15741012

 15747175

 15753339

 15759502

 15765666

 15771829

 15777993

 15784156

Harmonies

Analogous

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



16187512



15728685



13259776

Triad

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



15728685



37412



33535

Complementary

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



15728685



61635

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



15728685



38521

Square

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



15728685



3967232



38855



6971902

Rectangle

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



15728685



10841344



38855



35327

Sweetspot

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



15728685



16757697



12583152



8409690



0



8421504

Same Dimension

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



15728685



16711728



15747072



7892078



12058658



3670027

Inverse Universe

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



15728685



16711728



43248



7892078



12058658



3670027

Previews

White Background



This preview shows how the Decimal color 15728685 looks on a white background.

Color Contrast Check

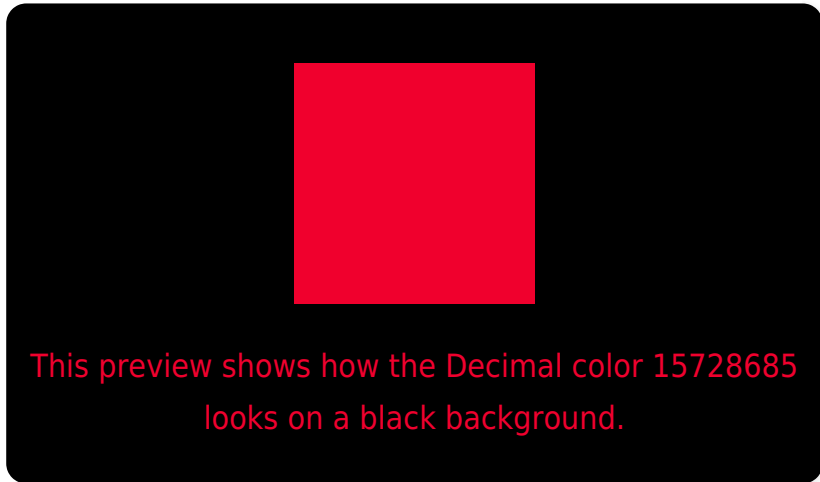
Large Text (above 18pt) WCAG AA ✓ Pass

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 15728685 Background



This preview shows how black text looks on a background with the Decimal color 15728685.



This preview shows how white text looks on a background with the Decimal color 15728685.

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

15728685

Protanopia

8747590

Deuteranopia

10056473



Tritanopia
15668480

Trichromacy



Original Color
15728685



Protanomaly
11292221



Deuteranomaly
12142880



Tritanomaly
15666448

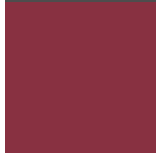
Monochromacy



Original Color
15728685



Achromatopsia
5066061



Achromatomaly
8925505

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15728685 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 #F0002D looks like.

```
.text, #text, p{  
  color:#F0002D  
}
```

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 #F0002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0002D
}
```

Border

The CSS property to change the border of an element to Decimal 15728685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

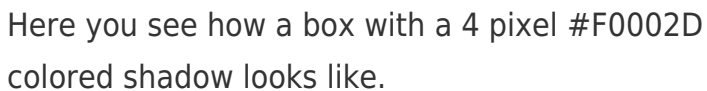
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F0002D }
```

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

```
.border{ border-color:#F0002D }
```

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



Here you see how a box with a 4 pixel #F0002D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0002D; -webkit-box-shadow:4px 4px  
4px 4px #F0002D; box-shadow:4px 4px 4px  
4px #F0002D }
```

Background

The CSS property to change the background color of an element to Decimal 15728685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0002D }
```

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

```
.background{ background-color:#F0002D }
```

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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