

Converting Colors

Decimal(15728640)

Have a look what the booklet for
Decimal(15728640) contains.

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Color

Decimal(15728640)

Conversions

Conversions Part 1

Format	Color
Hex	F00000
RGB	240, 0, 0
RGB Percent	94%, 0%, 0%
CMY	0.0588, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.06
HSL	0°, 100%, 47%
HSV	0°, 100%, 94%
XYZ	35.9352, 18.5253, 1.6817
YIQ	71.7600, 143.0400, 50.8800

Conversions

Conversions Part 2

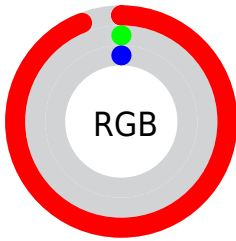
Format	Color
R_{YB}	240, 0, 0
Decimal	15728640
CIE Lab	50.13, 76.52, 64.20
CIE LCh	50, 99.884, 40.000
Yxy	18.5253, 0.6401, 0.3300
Android (android.graphics.Color)	4293918720 (0xFFFF0000)
YUV	71.7600, -35.3777, 147.5465
Hunter-Lab	43.0410, 73.7090, 27.8121

Details

The Decimal color **15728640** 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 **61680**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **16735545**, and **11337728** is the 20% darker color. If you saturate the color by 10%, you get **15728640**, and if you desaturate by 10%, it is **15734808**.

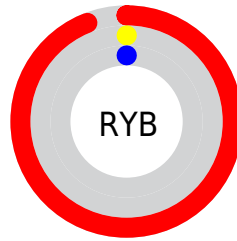
Distribution



Red (94%)

Green (0%)

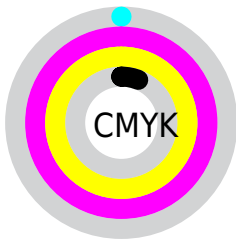
Blue (0%)



Red (94%)

Yellow (0%)

Blue (0%)

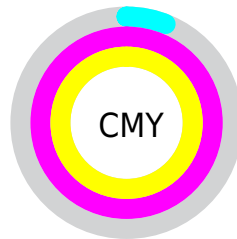


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (6%)



Cyan (6%)



















Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15728640 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 15728640 by changing the saturation by 10% instead.

 15728640	 15728640
 16777206	 13500416
 16735545	 11337728
 16743506	 9175040
 16751212	 7077890
 16758918	 5111812
 16766625	 3014658
 16774589	 0
 16777177	
 15728640	

 15734808

 15740976

 15747144

 15753312

 15759480

 15765648

 15771816

 15777984

 15784152

Harmonies

Analogous

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



16711776



15728640



12475392

Triad

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



15728640



38199



31743

Complementary

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



15728640



61680

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



15728640



39059

Square

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



15728640



36352



39141



9719036

Rectangle

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



15728640



9598208



39141



34047

Sweetspot

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



15728640



16757683



15728880



8409682



0



8421504

Same Dimension

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



15728640



16711680



15759360



7892076



12058624



3670016

Inverse Universe

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



61680



65535



30960



7108728



47288



14392

Previews

White Background



This preview shows how the Decimal color 15728640 looks on a white background.

Color Contrast Check

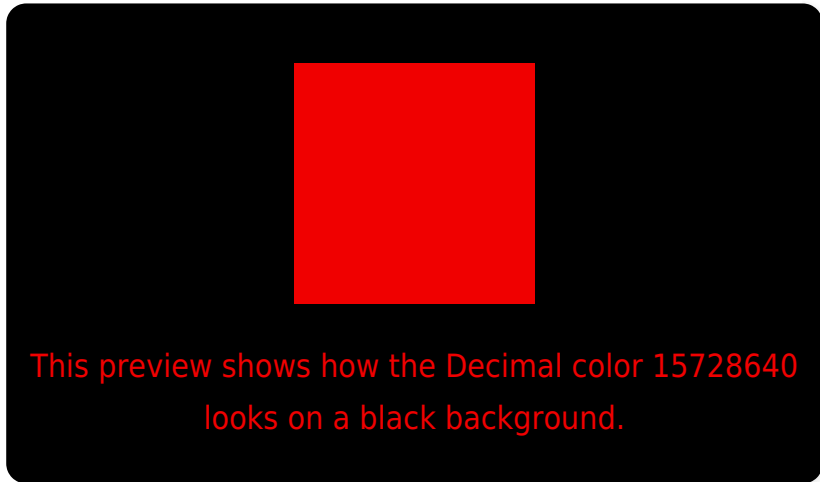
Large Text (above 18pt) WCAG AA ✓ Pass

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 15728640 Background



This preview shows how black text looks on a background with the Decimal color 15728640.



This preview shows how white text looks on a background with the Decimal color 15728640.

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

15728640

Protanopia

8943903

Deuteranopia

10056448



Tritanopia
15603200

Trichromacy



Original Color
15728640



Protanomaly
11422996



Deuteranomaly
12142848



Tritanomaly
15666688

Monochromacy



Original Color
15728640



Achromatopsia
4737096



Achromatomaly
8728110

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15728640 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 #F00000 looks like.

```
.text, #text, p{  
    color:#F00000  
}
```

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 #F00000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00000
}
```

Border

The CSS property to change the border of an element to Decimal 15728640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

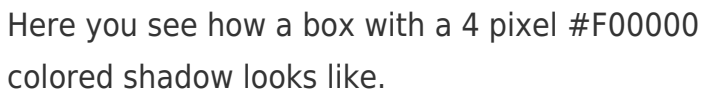
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F00000 }
```

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

```
.border{ border-color:#F00000 }
```

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



Here you see how a box with a 4 pixel `#F00000` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00000; -webkit-box-shadow:4px 4px  
4px 4px #F00000; box-shadow:4px 4px 4px  
4px #F00000 }
```

Background

The CSS property to change the background color of an element to Decimal 15728640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00000 }
```

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

```
.background{ background-color:#F00000 }
```

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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