

Converting Colors

Decimal(16728642)

Have a look what the booklet for
Decimal(16728642) contains.

Decimal(16728642)	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(16728642)

Conversions

Conversions Part 1

Format	Color
Hex	FF4242
RGB	255, 66, 66
RGB Percent	100%, 26%, 26%
CMY	0.0000, 0.7412, 0.7412
CMYK	0.00, 0.74, 0.74, 0.00
HSL	0°, 100%, 63%
HSV	0°, 74%, 100%
XYZ	44.1716, 25.5498, 7.7578
YIQ	122.5110, 112.6440, 40.0680

Conversions

Conversions Part 2

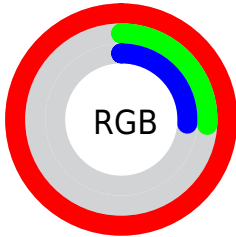
Format	Color
R_{YB}	255, 66, 66
Decimal	16728642
CIE Lab	57.61, 70.02, 44.00
CIE LCh	58, 82.694, 32.143
Yxy	25.5498, 0.5701, 0.3298
Android (android.graphics.Color)	4294918722 (0xFFFF4242)
YUV	122.5110, -27.8599, 116.1929
Hunter-Lab	50.5468, 67.5298, 26.2831

Details

The Decimal color **16728642** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **4390911**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **16744307**, and **12451862** is the 20% darker color. If you saturate the color by 10%, you get **16721960**, and if you desaturate by 10%, it is **16735067**.

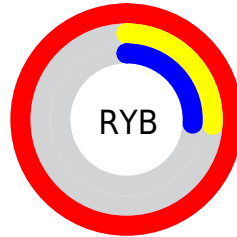
Distribution



Red (100%)

Green (26%)

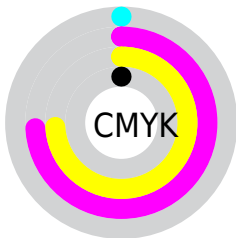
Blue (26%)



Red (100%)

Yellow (26%)

Blue (26%)

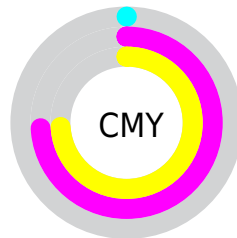


Cyan (0%)

Magenta (74%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16728642 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 16728642 by changing the saturation by 10% instead.

 16728642

 16728642

16777215

 14555691

 16744307

 12451862

 16751756

 10354688

 16759463

 8257536

 16766914

 6160385

 16774878

 4259843

 16777211

 1966081

 0

 16728642

 16728642

■ 16721960

■ 16735067

■ 16715535

■ 16741749

■ 16711680

■ 16748431

■ 16754856

■ 16761538

■ 16767963

■ 16774388

16777215

Harmonies

Analogous

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



16721288



16728642



14379776

Triad

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



16728642



42305



37631

Complementary

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



16728642



4390911

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.



41983



16728642



43406

Square

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



16728642



5806848



43478



9008383

Rectangle

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



16728642



12026112



43478



39423

Sweetspot

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



16728642



16762823



16728831



8412766



0



8421504

Same Dimension

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



16728642



16718876



16752962



8418163



12517376



4194304

Inverse Universe

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



4390911



1900543



4366847



7569536



49087



16448

Previews

White Background



This preview shows how the Decimal color 16728642 looks on a white background.

Color Contrast Check

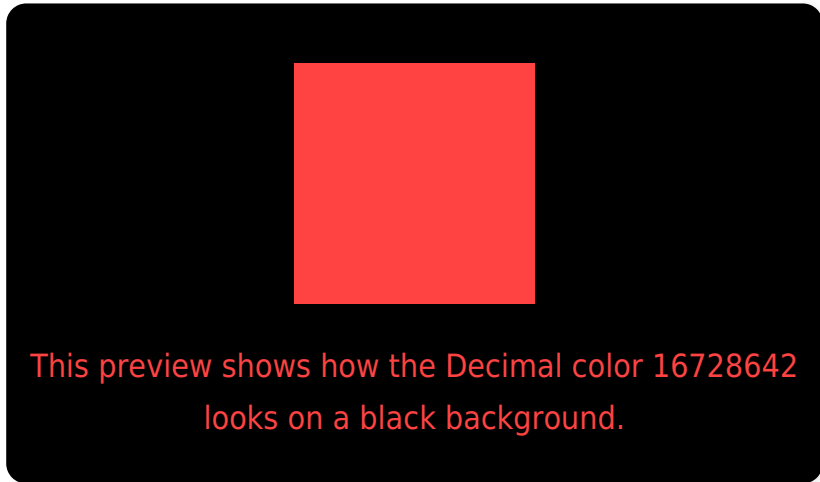
Large Text (above 18pt) WCAG AA ✓ Pass

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 16728642 Background



This preview shows how black text looks on a background with the Decimal color 16728642.



This preview shows how white text looks on a background with the Decimal color 16728642.

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



Trichromacy



Original Color
16728642

Protanomaly
12415057

Deuteranomaly
13331514

Tritanomaly
16728643

Monochromacy



Original Color
16728642

Achromatopsia
8092539

Achromatomaly
11232870

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16728642 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 #FF4242 looks like.

```
.text, #text, p{  
  color:#FF4242  
}
```

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 #FF4242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4242
}
```

Border

The CSS property to change the border of an element to Decimal 16728642 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
#FF4242 }
```

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

```
.border{ border-color:#FF4242 }
```

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

Here you see how a box with a 4 pixel #FF4242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4242; -webkit-box-shadow:4px 4px  
4px 4px #FF4242; box-shadow:4px 4px 4px  
4px #FF4242 }
```

Background

The CSS property to change the background color of an element to Decimal 16728642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4242 }
```

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

```
.background{ background-color:#FF4242 }
```

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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