

Converting Colors

Decimal(16587264)

Have a look what the booklet for
Decimal(16587264) contains.

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Color

Decimal(16587264)

Conversions

Conversions Part 1

Format	Color
Hex	FD1A00
RGB	253, 26, 0
RGB Percent	99%, 10%, 0%
CMY	0.0078, 0.8980, 1.0000
CMYK	0.00, 0.90, 1.00, 0.01
HSL	6°, 100%, 50%
HSV	6°, 100%, 99%
XYZ	40.8774, 21.6214, 2.0189
YIQ	90.9090, 143.6380, 40.0380

Conversions

Conversions Part 2

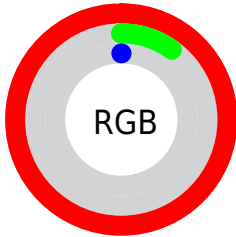
Format	Color
RYB	253, 29, 0
Decimal	16587264
CIELab	53.62, 77.32, 67.10
CIElCh	54, 102.375, 40.956
Yxy	21.6214, 0.6336, 0.3351
Android (android.graphics.Color)	4294777344 (0xFFFD1A00)
YUV	90.9090, -44.8181, 142.1538
Hunter-Lab	46.4989, 75.5474, 29.9750

Details

The Decimal color **16587264** 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 **58365**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **16738107**, and **12189696** is the 20% darker color. If you saturate the color by 10%, you get **16587264**, and if you desaturate by 10%, it is **16593177**.

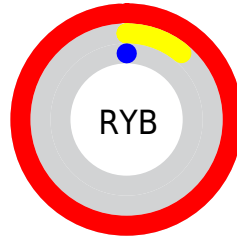
Distribution



Red (99%)

Green (10%)

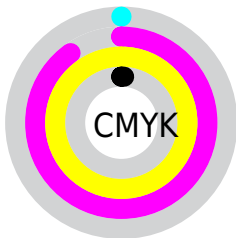
Blue (0%)



Red (99%)

Yellow (11%)

Blue (0%)

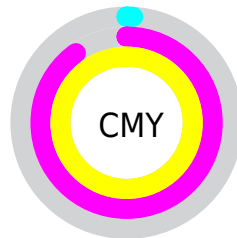


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (1%)



Cyan (1%)



















Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16587264 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 16587264 by changing the saturation by 10% instead.

 16587264	 16587264
 16777210	 14352384
 16738107	 12189696
 16745813	 9961472
 16753775	 7864321
 16761481	 5767171
 16769189	 3735554
 16776896	 1048576
 16777181	 0

 16587264

 16593177

 16598835

 16604748

 16610661

 16616319

 16622232

 16628145

 16634058

 16639716

Harmonies

Analogous

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



16711781



16587264



13198848

Triad

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



16587264



40769



33791

Complementary

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



16587264



58365

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.



39679



16587264



41632

Square

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



16587264



38912



41716



10703615

Rectangle

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



16587264



10124800



41716



36351

Sweetspot

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



16587264



16759475



16580836



8410706



0



8421504

Same Dimension

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



16587264



16718336



16619520



8418419



12522496



4196096

Inverse Universe

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



58365



58879



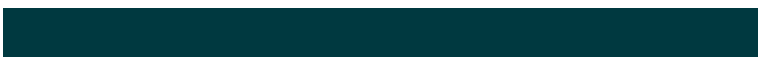
26109



7569024



44223



14656

Previews

White Background



This preview shows how the Decimal color 16587264 looks on a white background.

Color Contrast Check

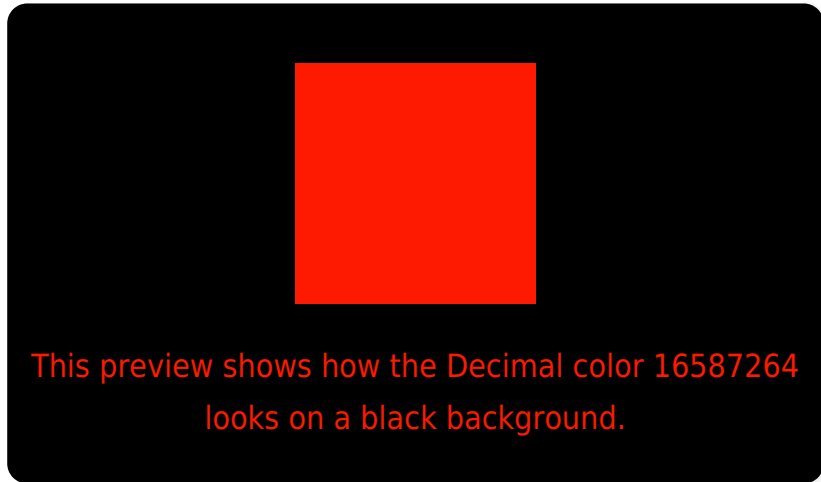
Large Text (above 18pt) WCAG AA ✓ Pass

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 16587264 Background



This preview shows how black text looks on a background with the Decimal color 16587264.



This preview shows how white text looks on a background with the Decimal color 16587264.

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
16587264

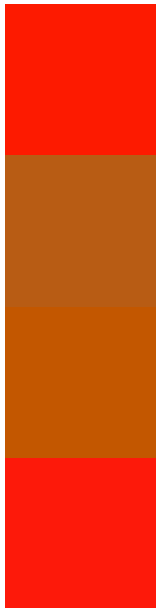
Protanopia
9535776

Deuteranopia
10648064



Tritanopia
16587023

Trichromacy



Original Color
16587264

Protanomaly
12082196

Deuteranomaly
12801792

Tritanomaly
16587018

Monochromacy



Original Color
16587264

Achromatopsia
5987163

Achromatomaly
9847610

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16587264 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 #FD1A00 looks like.

```
.text, #text, p{  
  color:#FD1A00  
}
```

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 #FD1A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD1A00
}
```

Border

The CSS property to change the border of an element to Decimal 16587264 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".

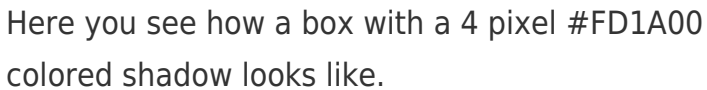
```
.border, #border, table{ border:4px solid
#FD1A00 }
```

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

```
.border{ border-color:#FD1A00 }
```

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

Here you see how a box with a 4 pixel #FD1A00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD1A00; -webkit-box-shadow:4px 4px  
4px 4px #FD1A00; box-shadow:4px 4px 4px  
4px #FD1A00 }
```

Background

The CSS property to change the background color of an element to Decimal 16587264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD1A00 }
```

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

```
.background{ background-color:#FD1A00 }
```

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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