

Converting Colors

Decimal(16584456)

Have a look what the booklet for
Decimal(16584456) contains.

Decimal(16584456)	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(16584456)

Conversions

Conversions Part 1

Format	Color
Hex	FD0F08
RGB	253, 15, 8
RGB Percent	99%, 6%, 3%
CMY	0.0078, 0.9412, 0.9686
CMYK	0.00, 0.94, 0.97, 0.01
HSL	2°, 98%, 51%
HSV	2°, 97%, 99%
XYZ	40.7227, 21.2418, 2.1835
YIQ	85.3640, 144.0950, 48.2790

Conversions

Conversions Part 2

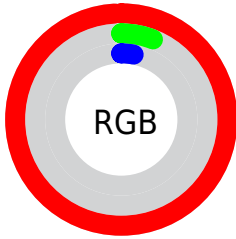
Format	Color
RYB	253, 15, 8
Decimal	16584456
CIELab	53.21, 78.60, 65.00
CIELCh	53, 101.996, 39.586
Yxy	21.2418, 0.6348, 0.3311
Android (android.graphics.Color)	4294774536 (0xFFFD0F08)
YUV	85.3640, -38.1405, 147.0168
Hunter-Lab	46.0889, 77.0615, 29.4533

Details

The Decimal color **16584456** 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 **587517**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16737087**, and **12189696** is the 20% darker color. If you saturate the color by 10%, you get **16582400**, and if you desaturate by 10%, it is **16590881**.

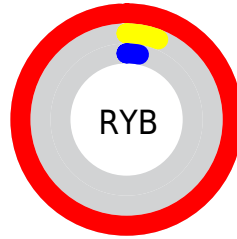
Distribution



Red (99%)

Green (6%)

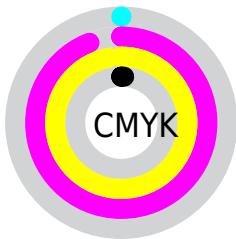
Blue (3%)



Red (99%)

Yellow (6%)

Blue (3%)

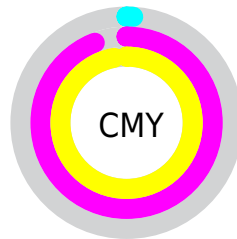


Cyan (0%)

Magenta (94%)

Yellow (97%)

Black (1%)



Cyan (1%)

Magenta (94%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16584456 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 16584456 by changing the saturation by 10% instead.

 16584456

 16584456

16777213

 14352384

 16737087

 12189696

 16745049

 9961472

 16753010

 7864321

 16760717

 5767171

 16768424

 3735554

 16776388

 983040

 16777184

 0

 16584456

 16584456

■ 16582400

■ 16590881

■ 16597051

■ 16603476

■ 16609645

■ 16616071

■ 16622240

■ 16628665

■ 16635090

■ 16641260

Harmonies

Analogous

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



16711784



16584456



13263616

Triad

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



16584456



40508



33791

Complementary

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



16584456



587517

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



16584456



41370

Square

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



16584456



38400



41455



10179839

Rectangle

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



16584456



10255360



41455



36351

Sweetspot

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



16584456



16758709



16582905



8410195



0



8421504

Same Dimension

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



16584456



16713472



16615176



8418163



12518656



4194816

Inverse Universe

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



587517



63743



556797



7569280



47807



15936

Previews

White Background



This preview shows how the Decimal color 16584456 looks on a white background.

Color Contrast Check

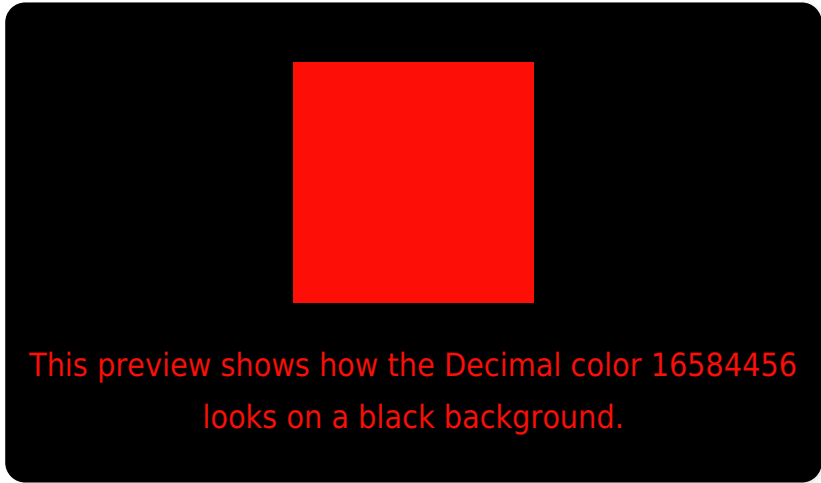
Large Text (above 18pt) WCAG AA ✓ Pass

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 16584456 Background



This preview shows how black text looks on a background with the Decimal color 16584456.



This preview shows how white text looks on a background with the Decimal color 16584456.

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
16584456

Protanopia
9469986

Deuteranopia
10582528



Tritanopia
16520960

Trichromacy



Original Color
16584456



Protanomaly
12080921



Deuteranomaly
12735235



Tritanomaly
16520195

Monochromacy



Original Color
16584456



Achromatopsia
5592405



Achromatomaly
9583673

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16584456 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 #FD0F08 looks like.

```
.text, #text, p{  
  color:#FD0F08  
}
```

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 #FD0F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD0F08
}
```

Border

The CSS property to change the border of an element to Decimal 16584456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

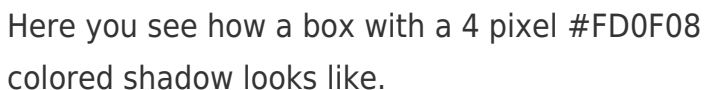
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD0F08 }
```

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

```
.border{ border-color:#FD0F08 }
```

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



Here you see how a box with a 4 pixel `#FD0F08` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD0F08; -webkit-box-shadow:4px 4px  
4px 4px #FD0F08; box-shadow:4px 4px 4px  
4px #FD0F08 }
```

Background

The CSS property to change the background color of an element to Decimal 16584456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD0F08 }
```

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

```
.background{ background-color:#FD0F08 }
```

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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