

Converting Colors

Decimal(16723219)

Have a look what the booklet for
Decimal(16723219) contains.

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Color

Decimal(16723219)

Conversions

Conversions Part 1

Format	Color
Hex	FF2D13
RGB	255, 45, 19
RGB Percent	100%, 18%, 7%
CMY	0.0000, 0.8235, 0.9255
CMYK	0.00, 0.82, 0.93, 0.00
HSL	7°, 100%, 54%
HSV	7°, 93%, 100%
XYZ	42.2959, 23.1838, 2.8618
YIQ	104.8260, 133.5060, 36.4340

Conversions

Conversions Part 2

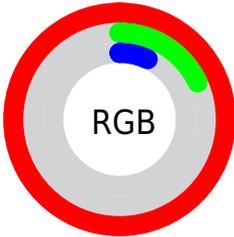
Format	Color
RYB	255, 48, 19
Decimal	16723219
CIELab	55.26, 74.57, 63.40
CIELCh	55, 97.879, 40.371
Yxy	23.1838, 0.6189, 0.3392
Android (android.graphics.Color)	4294913299 (0xFFFF2D13)
YUV	104.8260, -42.3122, 131.7026
Hunter-Lab	48.1495, 72.5378, 30.1808

Details

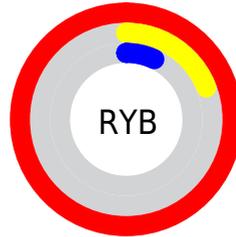
The Decimal color **16723219** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **1304063**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16740423**, and **12320768** is the 20% darker color. If you saturate the color by 10%, you get **16718848**, and if you desaturate by 10%, it is **16729133**.

Distribution



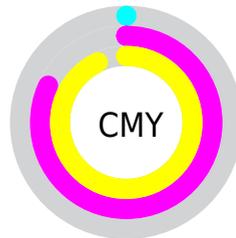
- Red (100%)
- Green (18%)
- Blue (7%)



- Red (100%)
- Yellow (19%)
- Blue (7%)



- Cyan (0%)
- Magenta (82%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16723219 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 16723219 by changing the saturation by 10% instead.

 16723219	 16723219
16777215	 14483456
 16740423	 12320768
 16748129	 10158080
 16755835	 7995392
 16763541	 5963778
 16771249	 3997699
 16777165	 1507328
 16777193	 0
 16723219	 16723219

■ 16718848

■ 16729133

■ 16734790

■ 16740704

■ 16746617

■ 16752275

■ 16758188

■ 16764102

■ 16770015

■ 16775673

Harmonies

Analogous

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



16711787



16723219



13462016

Triad

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



16723219



41798



34815

Complementary

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



16723219



1304063

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.



40447



16723219



42657

Square

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



16723219



39680



42482



10836991

Rectangle

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



16723219



10519040



42482



37119

Sweetspot

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



16723219



16760760



16716775



8411476



0



8421504

Same Dimension

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



16723219



16718848



16752915



8418419



12522752



4196096

Inverse Universe

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



1304063



58367



1274367



7569024



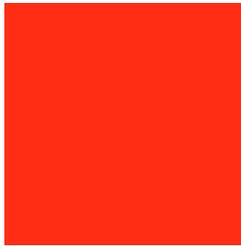
43711



14656

Previews

White Background



This preview shows how the Decimal color 16723219 looks on a white background.

Color Contrast Check

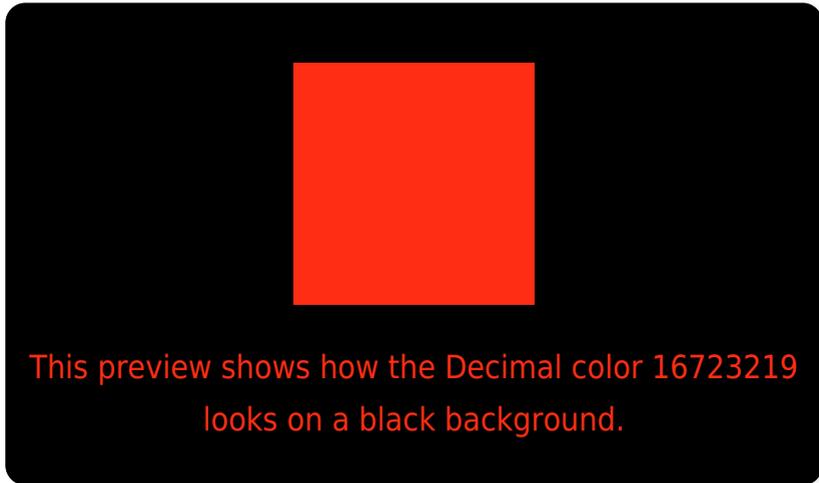
Large Text (above 18pt) WCAG AA ✓ Pass

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

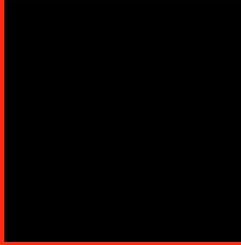
Any Text WCAG AA ✓ Pass

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 16723219 Background



This preview shows how black text looks on a background with the Decimal color 16723219.



This preview shows how white text looks on a background with the Decimal color 16723219.

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
16723219

Protanopia
9798951

Deuteranopia
10976768



Tritanopia
16722986

Trichromacy



Original Color
16723219

Protanomaly
12346656

Deuteranomaly
13066503

Tritanomaly
16722978

Monochromacy



Original Color
16723219

Achromatopsia
6908265

Achromatomaly
10507082

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16723219 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 #FF2D13 looks like.

```
.text, #text, p{  
    color:#FF2D13  
}
```

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 #FF2D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2D13
}
```

Border

The CSS property to change the border of an element to Decimal 16723219 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".

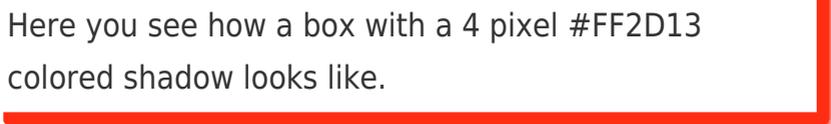
```
.border, #border, table{ border:4px solid
#FF2D13 }
```

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

```
.border{ border-color:#FF2D13 }
```

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

Here you see how a box with a 4 pixel #FF2D13 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the red color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2D13; -webkit-box-shadow:4px 4px  
4px 4px #FF2D13; box-shadow:4px 4px 4px  
4px #FF2D13 }
```

Background

The CSS property to change the background color of an element to Decimal 16723219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2D13 }
```

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

```
.background{ background-color:#FF2D13 }
```

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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