

Converting Colors

Decimal(16723792)

Have a look what the booklet for
Decimal(16723792) contains.

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Color

Decimal(16723792)

Conversions

Conversions Part 1

Format	Color
Hex	FF2F50
RGB	255, 47, 80
RGB Percent	100%, 18%, 31%
CMY	0.0000, 0.8157, 0.6863
CMYK	0.00, 0.82, 0.69, 0.00
HSL	350°, 100%, 59%
HSV	350°, 82%, 100%
XYZ	43.7045, 23.8722, 9.8937
YIQ	112.9540, 113.3750, 54.3590

Conversions

Conversions Part 2

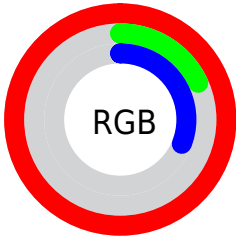
Format	Color
R_{YB}	255, 47, 80
Decimal	16723792
CIE _{Lab}	55.96, 75.75, 34.15
CIE _{LCh}	56, 83.094, 24.269
Yxy	23.8722, 0.5641, 0.3081
Android (android.graphics.Color)	4294913872 (0xFFFF2F50)
YUV	112.9540, -16.2463, 124.5743
Hunter-Lab	48.8592, 74.1644, 22.1955

Details

The Decimal color **16723792** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3145694**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16741249**, and **12451876** is the 20% darker color. If you saturate the color by 10%, you get **16717371**, and if you desaturate by 10%, it is **16730469**.

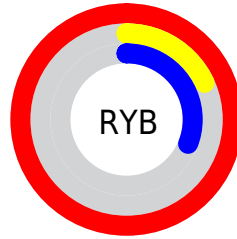
Distribution



Red (100%)

Green (18%)

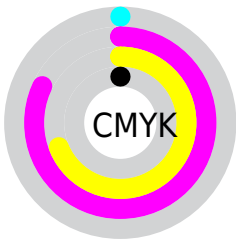
Blue (31%)



Red (100%)

Yellow (18%)

Blue (31%)

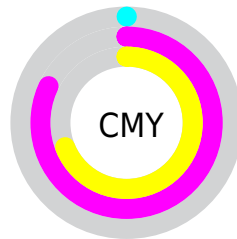


Cyan (0%)

Magenta (82%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16723792 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 16723792 by changing the saturation by 10% instead.

 16723792

 16723792

16777215

 14549049

 16741249

 12451876

 16748955

 10354704

 16756662

 8257536

 16764369

 6160386

 16772078

 4194307

 1900545

 0

 16723792

 16723792

■ 16717371

■ 16730469

■ 16711720

■ 16736891

■ 16743568

■ 16749990

■ 16756667

■ 16763089

■ 16769766

■ 16776188

16777215

Harmonies

Analogous

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



16523415



16723792



14834944

Triad

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



16723792



40742



38143

Complementary

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



16723792



3145694

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.



41468



16723792



42101

Square

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



16723792



6984448



42432



5798399

Rectangle

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



16723792



12678400



42432



39423

Sweetspot

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



16723792



16761548



14430207



8412000



0



8421504

Same Dimension

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



16723792



16713005



16741423



8418165



12517406



4194314

Inverse Universe

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



16723792



16713005



3128063



8418165



12517406



4194314

Previews

White Background



This preview shows how the Decimal color 16723792 looks on a white background.

Color Contrast Check

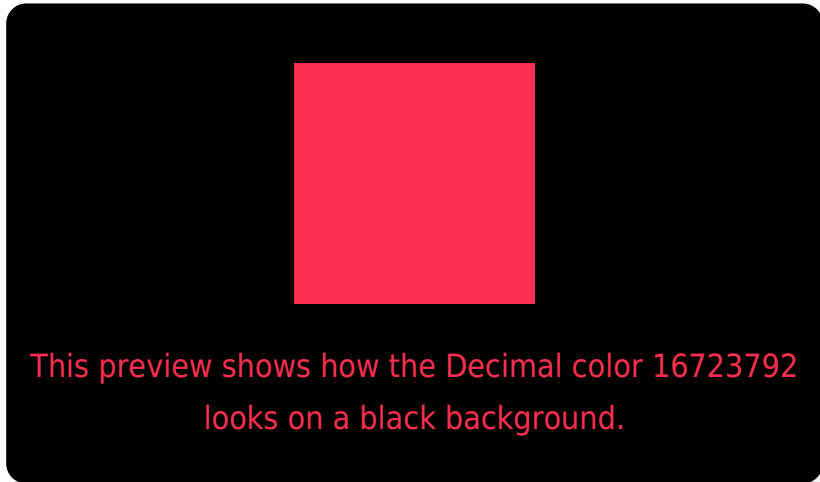
Large Text (above 18pt) WCAG AA ✓ Pass

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 16723792 Background



This preview shows how black text looks on a background with the Decimal color 16723792.



This preview shows how white text looks on a background with the Decimal color 16723792.

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
16723792

Protanopia
9340528

Deuteranopia
10846277



Tritanopia
16659765

Trichromacy



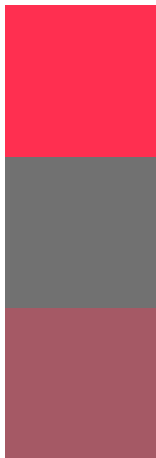
Original Color
16723792

Protanomaly
12019300

Deuteranomaly
13001545

Tritanomaly
16659263

Monochromacy



Original Color
16723792

Achromatopsia
7434609

Achromatomaly
10836325

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16723792 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 #FF2F50 looks like.

```
.text, #text, p{  
    color:#FF2F50  
}
```

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 #FF2F50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2F50
}
```

Border

The CSS property to change the border of an element to Decimal 16723792 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".

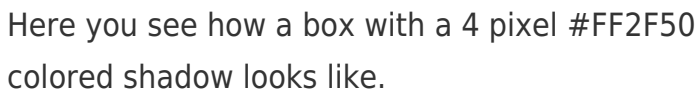
```
.border, #border, table{ border:4px solid
#FF2F50 }
```

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

```
.border{ border-color:#FF2F50 }
```

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

Here you see how a box with a 4 pixel #FF2F50 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2F50; -webkit-box-shadow:4px 4px  
4px 4px #FF2F50; box-shadow:4px 4px 4px  
4px #FF2F50 }
```

Background

The CSS property to change the background color of an element to Decimal 16723792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2F50 }
```

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

```
.background{ background-color:#FF2F50 }
```

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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