

Converting Colors

Decimal(16011869)

Have a look what the booklet for
Decimal(16011869) contains.

Decimal(16011869)	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(16011869)

Conversions

Conversions Part 1

Format	Color
Hex	F4525D
RGB	244, 82, 93
RGB Percent	96%, 32%, 36%
CMY	0.0431, 0.6784, 0.6353
CMYK	0.00, 0.66, 0.62, 0.04
HSL	356°, 88%, 64%
HSV	356°, 66%, 96%
XYZ	42.3013, 26.0580, 13.1561
YIQ	131.6920, 93.0210, 37.7650

Conversions

Conversions Part 2

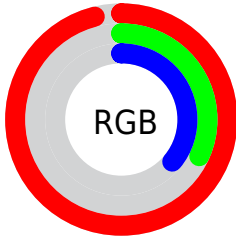
Format	Color
RYB	244, 82, 93
Decimal	16011869
CIELab	58.09, 62.38, 28.87
CIElCh	58, 68.741, 24.834
Yxy	26.0580, 0.5189, 0.3197
Android (android.graphics.Color)	4294201949 (0xFFFF4525D)
YUV	131.6920, -19.0752, 98.4941
Hunter-Lab	51.0470, 58.5858, 20.4524

Details

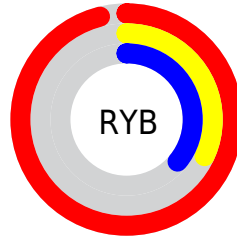
The Decimal color **16011869** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **5436649**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16747407**, and **11863343** is the 20% darker color. If you saturate the color by 10%, you get **16005702**, and if you desaturate by 10%, it is **16018036**.

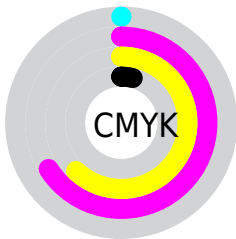
Distribution



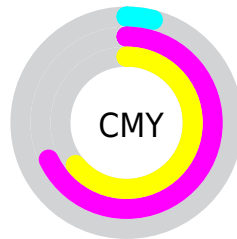
- Red (96%)
- Green (32%)
- Blue (36%)



- Red (96%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (66%)
- Yellow (62%)
- Black (4%)



- Cyan (4%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16011869 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 16011869 by changing the saturation by 10% instead.

 16011869	 16011869
16777215	 13906757
 16747407	 11863343
 16754858	 9830427
 16762309	 7864321
 16769761	 5832704
16777214	 3997699
	 1507328
	 0
 16011869	 16011869

■ 16005702

■ 16018036

■ 15999280

■ 16024458

■ 15993113

■ 16030625

■ 15990801

■ 16037048

■ 16043215

■ 16049381

■ 16055804

■ 16056319

Harmonies

Analogous

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



15748249



16011869



14445606

Triad

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



16011869



500033



38655

Complementary

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



16011869



5436649

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.



41710



16011869



42623

Square

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



16011869



7837440



42941



7635194

Rectangle

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



16011869



12615168



42941



39935

Sweetspot

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



16011869



16764111



15094516



8413539



0



8421504

Same Dimension

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



16011869



16724801



16029266



8023663



12189709



3866628

Inverse Universe

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



16011869



16724801



5419508



8023663



12189709



3866628

Previews

White Background



This preview shows how the Decimal color 16011869 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



This preview shows how the Decimal color 16011869 looks on a 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 16011869 Background



This preview shows how black text looks on a background with the Decimal color 16011869.



This preview shows how white text looks on a background with the Decimal color 16011869.

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
16011869

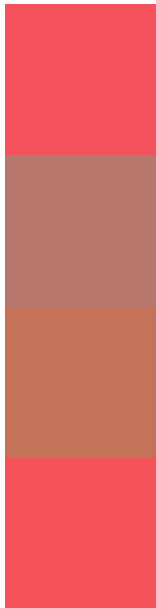
Protanopia
9735286

Deuteranopia
11175509



Tritanopia
16012120

Trichromacy



Original Color
16011869

Protanomaly
12023661

Deuteranomaly
12940120

Tritanomaly
16012122

Monochromacy



Original Color
16011869

Achromatopsia
8684676

Achromatomaly
11367030

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16011869 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 #F4525D looks like.

```
.text, #text, p{  
  color:#F4525D  
}
```

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 #F4525D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4525D
}
```

Border

The CSS property to change the border of an element to Decimal 16011869 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".

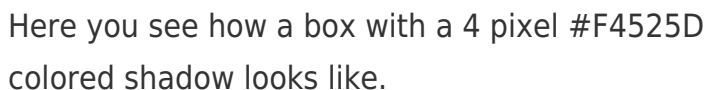
```
.border, #border, table{ border:4px solid
#F4525D }
```

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

```
.border{ border-color:#F4525D }
```

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

Here you see how a box with a 4 pixel #F4525D 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 #F4525D; -webkit-box-shadow:4px 4px  
4px 4px #F4525D; box-shadow:4px 4px 4px  
4px #F4525D }
```

Background

The CSS property to change the background color of an element to Decimal 16011869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4525D }
```

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

```
.background{ background-color:#F4525D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor