

Converting Colors

Decimal(4970819)

Have a look what the booklet for
Decimal(4970819) contains.

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Color

Decimal(4970819)

Conversions

Conversions Part 1

Format	Color
Hex	4BD943
RGB	75, 217, 67
RGB Percent	29%, 85%, 26%
CMY	0.7059, 0.1490, 0.7373
CMYK	0.65, 0.00, 0.69, 0.15
HSL	117°, 66%, 56%
HSV	117°, 69%, 85%
XYZ	28.7276, 51.5268, 13.7418
YIQ	157.4420, -36.4820, -76.7540

Conversions

Conversions Part 2

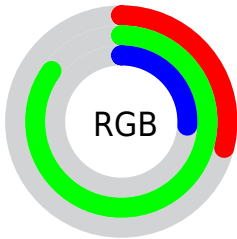
Format	Color
RYB	67, 217, 209
Decimal	4970819
CIELab	77.00, -65.30, 60.02
CIELCh	77, 88.692, 137.413
Yxy	51.5268, 0.3056, 0.5482
Android (android.graphics.Color)	4283160899 (0xFF4BD943)
YUV	157.4420, -44.5879, -72.3016
Hunter-Lab	71.7822, -54.1821, 38.8972

Details

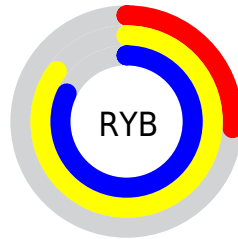
The Decimal color **4970819** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **13714393**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **9240442**, and **41216** is the 20% darker color. If you saturate the color by 10%, you get **3594541**, and if you desaturate by 10%, it is **6347097**.

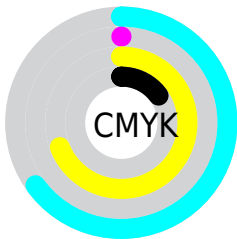
Distribution



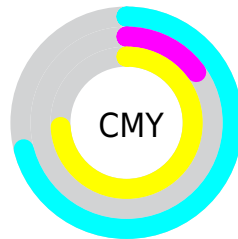
- Red (29%)
- Green (85%)
- Blue (26%)



- Red (26%)
- Yellow (85%)
- Blue (82%)



- Cyan (65%)
- Magenta (0%)
- Yellow (69%)
- Black (15%)



- Cyan (71%)
- Magenta (15%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 4970819 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 4970819 by changing the saturation by 10% instead.

 4970819

 4970819

16777215

 2145573

 9240442

 41216

 11206550

 34304

 13238194

 27392

 15269839

 20736

 16777196

 14592

 8192

 0

 4970819

 4970819

■ 3594541

■ 6347097

■ 2283800

■ 7657838

■ 907522

■ 9034116

■ 841984

■ 10344858

■ 11721136

■ 13031877

■ 14408155

■ 15718897

■ 16767487

Harmonies

Analogous

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



12044544



4970819



57751

Triad

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



4970819



54015



16738450

Complementary

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



4970819



13714393

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.



16739300



4970819



6731775

Square

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



4970819



57343



16552191



16746821

Rectangle

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



4970819



58321



16552191



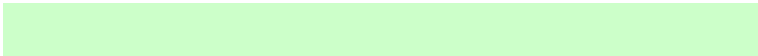
16737197

Sweetspot

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



4970819



13434825



14274371



6389856



0



8421504

Same Dimension

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



4970819



3669803



4446596



6516323



634112



142848

Inverse Universe

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



13714393



16002047



14238616



7168878



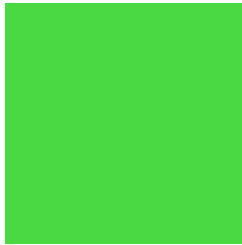
10748077



2818094

Previews

White Background



This preview shows how the Decimal color 4970819 looks on a white background.

Color Contrast Check

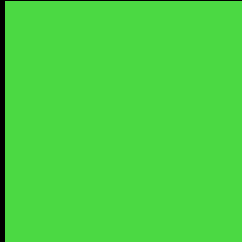
Large Text (above 18pt) WCAG AA × Fail

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 4970819 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4970819 Background



This preview shows how black text looks on a background with the Decimal color 4970819.



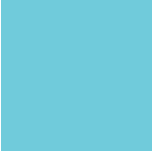
This preview shows how white text looks on a background with the Decimal color 4970819.

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





Tritanopia
7392219

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4970819 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 #4BD943 looks like.

```
.text, #text, p{  
    color:#4BD943  
}
```

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 #4BD943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD943
}
```

Border

The CSS property to change the border of an element to Decimal 4970819 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
#4BD943 }
```

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

```
.border{ border-color:#4BD943 }
```

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

Here you see how a box with a 4 pixel #4BD943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD943; -webkit-box-shadow:4px 4px  
4px 4px #4BD943; box-shadow:4px 4px 4px  
4px #4BD943 }
```

Background

The CSS property to change the background color of an element to Decimal 4970819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD943 }
```

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

```
.background{ background-color:#4BD943 }
```

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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