

Converting Colors

Decimal(4970054)

Have a look what the booklet for
Decimal(4970054) contains.

Decimal(4970054)	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(4970054)

Conversions

Conversions Part 1

Format	Color
Hex	4BD646
RGB	75, 214, 70
RGB Percent	29%, 84%, 27%
CMY	0.7059, 0.1608, 0.7255
CMYK	0.65, 0.00, 0.67, 0.16
HSL	118°, 64%, 56%
HSV	118°, 67%, 84%
XYZ	28.0537, 50.0312, 13.9728
YIQ	156.0230, -36.6200, -74.2520

Conversions

Conversions Part 2

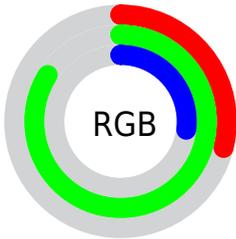
Format	Color
RYB	70, 214, 209
Decimal	4970054
CIELab	76.09, -64.03, 57.89
CIELCh	76, 86.320, 137.880
Yxy	50.0312, 0.3047, 0.5435
Android (android.graphics.Color)	4283160134 (0xFF4BD646)
YUV	156.0230, -42.4093, -71.0572
Hunter-Lab	70.7327, -52.9864, 37.8006

Details

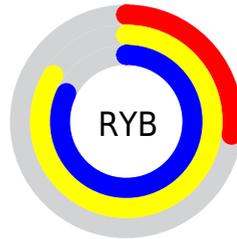
The Decimal color **4970054** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **13715158**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9174909**, and **40448** is the 20% darker color. If you saturate the color by 10%, you get **3593777**, and if you desaturate by 10%, it is **6346331**.

Distribution



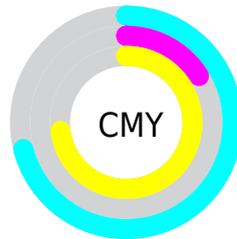
- Red (29%)
- Green (84%)
- Blue (27%)



- Red (27%)
- Yellow (84%)
- Blue (82%)



- Cyan (65%)
- Magenta (0%)
- Yellow (67%)
- Black (16%)



- Cyan (71%)
- Magenta (16%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4970054 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 4970054 by changing the saturation by 10% instead.

 4970054

 4970054

16777215

 2210345

 9174909

 40448

 11206552

 33536

 13172660

 26624

 15138769

 20224

 16777198

 14080

 7680

 0

 4970054

 4970054

■ 3593777

■ 6346331

■ 2283035

■ 7657073

■ 906758

■ 9033350

■ 513536

■ 10409628

■ 11720369

■ 13096646

■ 14472924

■ 15783665

■ 16766719

Harmonies

Analogous

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



11781632



4970054



56983

Triad

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



4970054



52991



16738704

Complementary

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



4970054



13715158

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.



16739295



4970054



7189759

Square

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



4970054



56575



16420863



16746821

Rectangle

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



4970054



57551



16420863



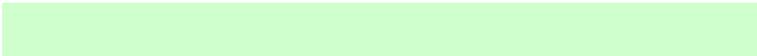
16737706

Sweetspot

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



4970054



13565900



14077766



6455393



0



8421504

Same Dimension

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



4970054



3735344



4642439



6384480



436992



142080

Inverse Universe

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



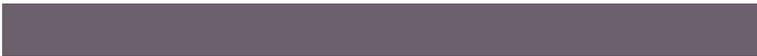
13715158



16265471



14042773



7037035



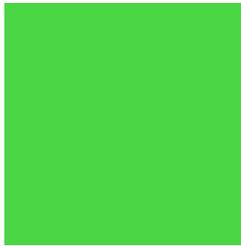
10813611



2752555

Previews

White Background



This preview shows how the Decimal color 4970054 looks on a white background.

Color Contrast Check

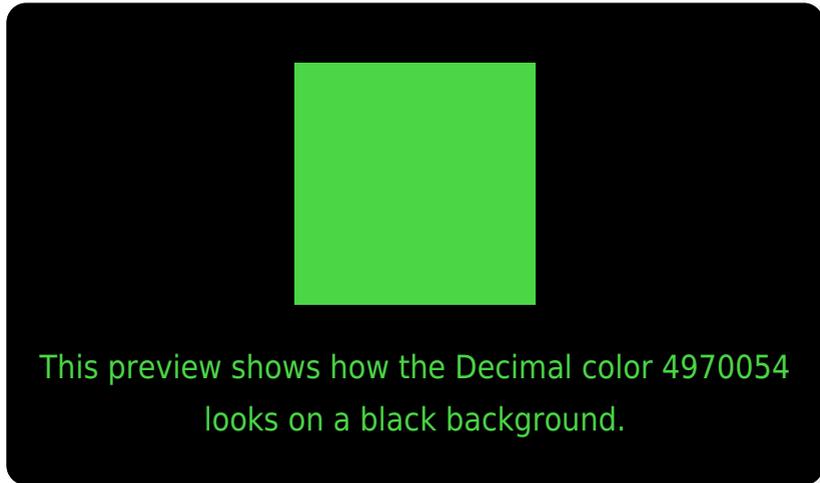
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

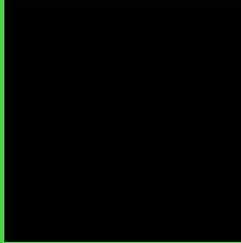
Any Text WCAG AA ✓ Pass

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 4970054 Background



This preview shows how black text looks on a background with the Decimal color 4970054.



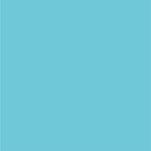
This preview shows how white text looks on a background with the Decimal color 4970054.

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
7325912

Trichromacy



Original Color
4970054



Protanomaly
10536001



Deuteranomaly
11451982



Tritanomaly
6475171

Monochromacy



Original Color
4970054



Achromatopsia
10263708



Achromatomaly
8368509

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4970054 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 #4BD646 looks like.

```
.text, #text, p{  
    color:#4BD646  
}
```

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 #4BD646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD646
}
```

Border

The CSS property to change the border of an element to Decimal 4970054 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
#4BD646 }
```

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

```
.border{ border-color:#4BD646 }
```

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

Here you see how a box with a 4 pixel #4BD646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD646; -webkit-box-shadow:4px 4px  
4px 4px #4BD646; box-shadow:4px 4px 4px  
4px #4BD646 }
```

Background

The CSS property to change the background color of an element to Decimal 4970054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD646 }
```

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

```
.background{ background-color:#4BD646 }
```

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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