

Converting Colors

Decimal(4975941)

Have a look what the booklet for
Decimal(4975941) contains.

Decimal(4975941)	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(4975941)

Conversions

Conversions Part 1

Format	Color
Hex	4BED45
RGB	75, 237, 69
RGB Percent	29%, 93%, 27%
CMY	0.7059, 0.0706, 0.7294
CMYK	0.68, 0.00, 0.71, 0.07
HSL	118°, 82%, 60%
HSV	118°, 71%, 93%
XYZ	34.2600, 62.4939, 15.8871
YIQ	169.4100, -42.6240, -86.5920

Conversions

Conversions Part 2

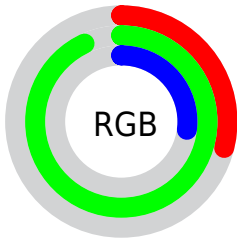
Format	Color
RYB	69, 237, 231
Decimal	4975941
CIELab	83.18, -71.64, 65.70
CIELCh	83, 97.207, 137.477
Yxy	62.4939, 0.3042, 0.5548
Android (android.graphics.Color)	4283166021 (0xFF4BED45)
YUV	169.4100, -49.5021, -82.7976
Hunter-Lab	79.0531, -60.9846, 43.4218

Details

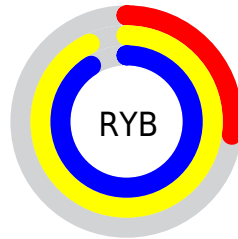
The Decimal color **4975941** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **15156717**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **9437054**, and **46080** is the 20% darker color. If you saturate the color by 10%, you get **3468589**, and if you desaturate by 10%, it is **6483293**.

Distribution



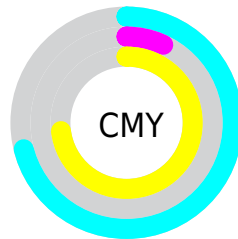
- Red (29%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (71%)
- Black (7%)



- Cyan (71%)
- Magenta (7%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4975941 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 4975941 by changing the saturation by 10% instead.

■ 4975941

■ 4975941

16777215

■ 1626149

■ 9437054

■ 46080

■ 11534234

■ 38912

■ 13565879

■ 32000

■ 15597524

■ 25088

■ 16777201

■ 18432

■ 12288

■ 4864

■ 0

 4975941

 4975941

 3468589

 6483293

 1961238

 7990644

 584960

 9497996

 10939812

 12447163

 13954515

 15461867

 16772607

Harmonies

Analogous

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



13032192



4975941



63140

Triad

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



4975941



58879



16739486

Complementary

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



4975941



15156717

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.



16740602



4975941



6932479

Square

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



4975941



62719



16751871



16749640

Rectangle

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



4975941



63716



16751871



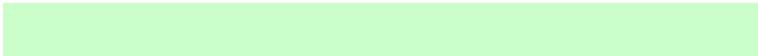
16738236

Sweetspot

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



4975941



13369289



15590725



6389856



0



8421504

Same Dimension

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



4975941



3079974



4582801



6976874



439552



144896

Inverse Universe

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



15156717



16197375



15549857



7694965



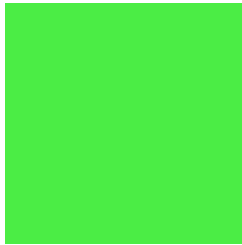
11468981



3407926

Previews

White Background



This preview shows how the Decimal color 4975941 looks on a white background.

Color Contrast Check

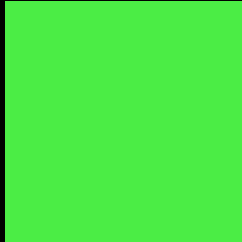
Large Text (above 18pt) WCAG AA × Fail

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 4975941 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

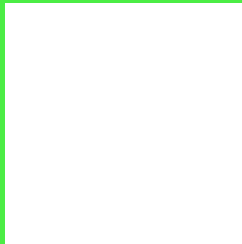
Any Text WCAG AAA ✓ Pass

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

Decimal 4975941 Background



This preview shows how black text looks on a background with the Decimal color 4975941.

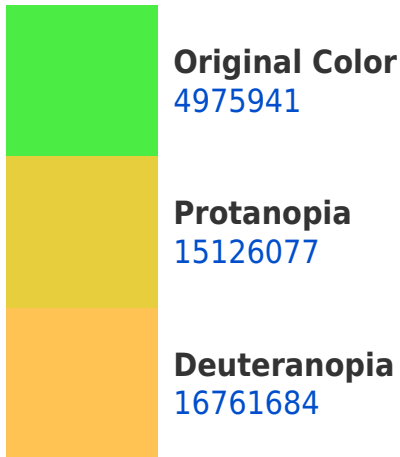


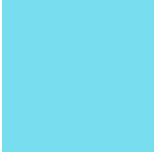
This preview shows how white text looks on a background with the Decimal color 4975941.

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
7855599

Trichromacy



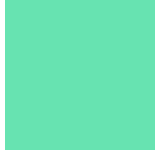
Original Color
4975941



Protanomaly
11458880



Deuteranomaly
12505679

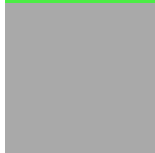


Tritanomaly
6808497

Monochromacy



Original Color
4975941



Achromatopsia
11119017



Achromatomaly
8897157

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4975941 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 #4BED45 looks like.

```
.text, #text, p{  
    color:#4BED45  
}
```

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 #4BED45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BED45
}
```

Border

The CSS property to change the border of an element to Decimal 4975941 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
#4BED45 }
```

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

```
.border{ border-color:#4BED45 }
```

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

Here you see how a box with a 4 pixel #4BED45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BED45; -webkit-box-shadow:4px 4px  
4px 4px #4BED45; box-shadow:4px 4px 4px  
4px #4BED45 }
```

Background

The CSS property to change the background color of an element to Decimal 4975941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BED45 }
```

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

```
.background{ background-color:#4BED45 }
```

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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