

Converting Colors

Decimal(4980562)

Have a look what the booklet for
Decimal(4980562) contains.

Decimal(4980562)	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(4980562)

Conversions

Conversions Part 1

Format	Color
Hex	4BFF52
RGB	75, 255, 82
RGB Percent	29%, 100%, 32%
CMY	0.7059, 0.0000, 0.6784
CMYK	0.71, 0.00, 0.68, 0.00
HSL	122°, 100%, 65%
HSV	122°, 71%, 100%
XYZ	40.1846, 73.6251, 20.0758
YIQ	181.4580, -51.7470, -91.9630

Conversions

Conversions Part 2

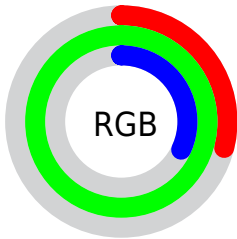
Format	Color
RYB	75, 248, 255
Decimal	4980562
CIELab	88.74, -76.22, 66.76
CIElCh	89, 101.322, 138.783
Yxy	73.6251, 0.3001, 0.5499
Android (android.graphics.Color)	4283170642 (0xFF4BFF52)
YUV	181.4580, -49.0328, -93.3637
Hunter-Lab	85.8050, -66.5628, 46.1915

Details

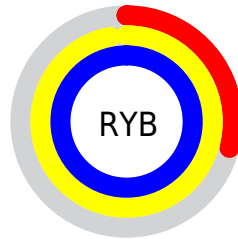
The Decimal color **4980562** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **16731128**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **9633675**, and **50440** is the 20% darker color. If you saturate the color by 10%, you get **3342137**, and if you desaturate by 10%, it is **6684523**.

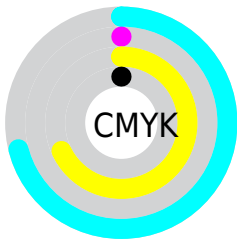
Distribution



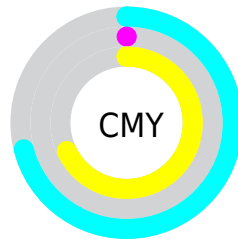
- Red (29%)
- Green (100%)
- Blue (32%)



- Red (29%)
- Yellow (97%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 4980562 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 4980562 by changing the saturation by 10% instead.



■ 4980562

■ 4980562

■ 3342137

■ 6684523

■ 1638177

■ 8322947

■ 65290

■ 10026908

■ 11665332

■ 13369293

■ 15007717

16711678

16777215

Harmonies

Analogous

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



13757696



4980562



65462

Triad

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



4980562



62975



16742823

Complementary

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



4980562



16731128

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.



16743167



4980562



8705535

Square

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



4980562



65535



16754687



16753228

Rectangle

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



4980562



65530



16754687



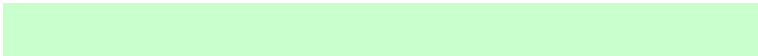
16741319

Sweetspot

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



4980562



13238220



16383819



6324321



0



8421504

Same Dimension

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



4980562



2555695



4980651



7569523



48903



16386

Inverse Universe

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



16731128



16721655



16731039



8418175



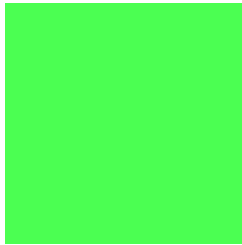
12517560



4194365

Previews

White Background



This preview shows how the Decimal color 4980562 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 4980562 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

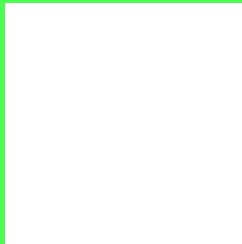
Any Text WCAG AAA ✓ Pass

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

Decimal 4980562 Background



This preview shows how black text looks on a background with the Decimal color 4980562.

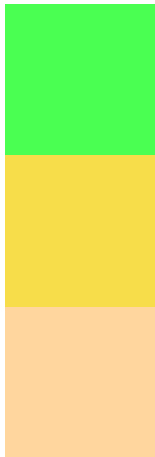


This preview shows how white text looks on a background with the Decimal color 4980562.

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](#).

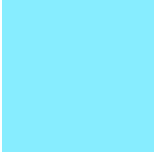
Dichromacy



Original Color
4980562

Protanopia
16244041

Deuteranopia
16766622

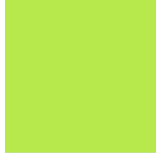


Tritanopia
8908287

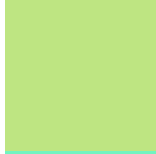
Trichromacy



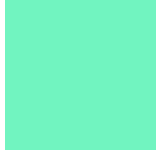
Original Color
4980562



Protanomaly
12118348

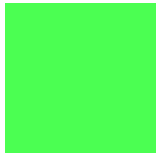


Deuteranomaly
12510594

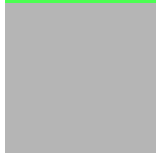


Tritanomaly
7468224

Monochromacy



Original Color
4980562



Achromatopsia
11908533



Achromatomaly
9359505

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4980562 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 #4BFF52 looks like.

```
.text, #text, p{  
    color:#4BFF52  
}
```

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 #4BFF52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BFF52
}
```

Border

The CSS property to change the border of an element to Decimal 4980562 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
#4BFF52 }
```

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

```
.border{ border-color:#4BFF52 }
```

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

Here you see how a box with a 4 pixel #4BFF52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BFF52; -webkit-box-shadow:4px 4px  
4px 4px #4BFF52; box-shadow:4px 4px 4px  
4px #4BFF52 }
```

Background

The CSS property to change the background color of an element to Decimal 4980562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BFF52 }
```

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

```
.background{ background-color:#4BFF52 }
```

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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