

# Converting Colors

Decimal(5232272)

Have a look what the booklet for  
Decimal(5232272) contains.

<b>Decimal(5232272)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(5232272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FD690
RGB	79, 214, 144
RGB Percent	31%, 84%, 56%
CMY	0.6902, 0.1608, 0.4353
CMYK	0.63, 0.00, 0.33, 0.16
HSL	149°, 62%, 57%
HSV	149°, 63%, 84%
XYZ	32.3051, 51.7690, 34.6753
YIQ	165.6550, -57.9900, -50.3900

# Conversions

## Conversions Part 2

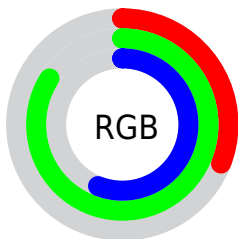
Format	Color
<a href="#">RYB</a>	<a href="#">79, 170, 214</a>
Decimal	<a href="#">5232272</a>
CIELab	<a href="#">77.14, -52.54, 24.01</a>
CIELCh	<a href="#">77, 57.766, 155.438</a>
Yxy	<a href="#">51.7690, 0.2720, 0.4360</a>
Android (android.graphics.Color)	<a href="#">4283422352 (0xFF4FD690)</a>
YUV	<a href="#">165.6550, -10.6759, -75.9964</a>
Hunter-Lab	<a href="#">71.9507, -45.7692, 21.7917</a>

# Details

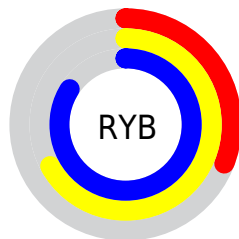
The Decimal color **5232272** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **14045077**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **9240518**, and **40541** is the 20% darker color. If you saturate the color by 10%, you get **3856005**, and if you desaturate by 10%, it is **6608539**.

# Distribution



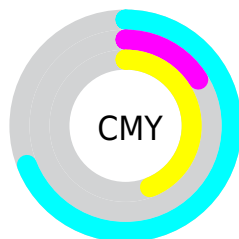
- Red (31%)
- Green (84%)
- Blue (56%)



- Red (31%)
- Yellow (67%)
- Blue (84%)



- Cyan (63%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (69%)
- Magenta (16%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5232272 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 5232272 by changing the saturation by 10% instead.





5232272



5232272

16777215



2800246



9240518



40541



11206626



33605



13172735



26926



15138815



20504



14080



8448



0




5232272



5232272

 3856005

 6608539

 2414202

 8050342

 1037935

 9426609

 54887

 10868412

 12244679

 13620947

 15062750

 16439017

 16766708

# Harmonies

## Analogous

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



10276195



5232272



55751

# Triad

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



5232272



7389695



16750979

# Complementary

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



5232272



14045077

# 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.



16748727



5232272



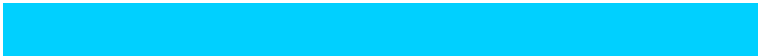
13610495

# Square

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



5232272



53503



16751084



16755805

# Rectangle

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



5232272



55787



16751084



16749716

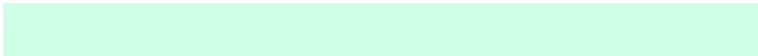


# Sweetspot

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



5232272



13631462



9950799



6455408



0



8421504



# Same Dimension

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



5232272



4063131



5232338



6318950



43858



11029



# Inverse Universe

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



14045077



16727458



14045011



7037030



11206745



2818070



# Previews

## White Background



This preview shows how the Decimal color 5232272 looks on a white background.

## Color Contrast Check

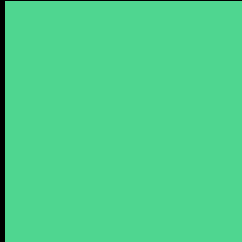
Large Text (above 18pt) WCAG AA × Fail

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 5232272 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 5232272 Background



This preview shows how black text looks on a background with the Decimal color 5232272.

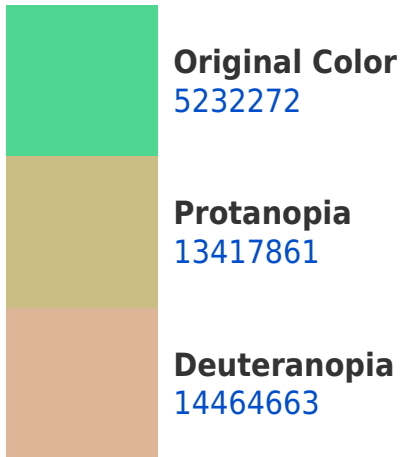


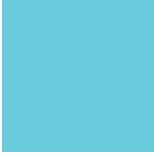
This preview shows how white text looks on a background with the Decimal color 5232272.

# 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**  
6933725

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5232272 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 #4FD690 looks like.

```
.text, #text, p{  
    color:#4FD690  
}
```

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 #4FD690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FD690
}
```

## Border

The CSS property to change the border of an element to Decimal 5232272 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
#4FD690 }
```

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

```
.border{ border-color:#4FD690 }
```

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

Here you see how a box with a 4 pixel #4FD690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FD690; -webkit-box-shadow:4px 4px  
4px 4px #4FD690; box-shadow:4px 4px 4px  
4px #4FD690 }
```

# Background

The CSS property to change the background color of an element to Decimal 5232272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FD690 }
```

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

```
.background{ background-color:#4FD690 }
```

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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