

# Converting Colors

Decimal(5490576)

Have a look what the booklet for  
Decimal(5490576) contains.

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# **Color**

**Decimal(5490576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C790
RGB	83, 199, 144
RGB Percent	33%, 78%, 56%
CMY	0.6745, 0.2196, 0.4353
CMYK	0.58, 0.00, 0.28, 0.22
HSL	152°, 51%, 55%
HSV	152°, 58%, 78%
XYZ	29.0247, 44.6995, 33.4837
YIQ	158.0460, -51.4810, -41.6970

# Conversions

## Conversions Part 2

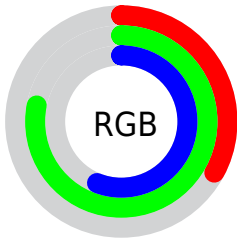
Format	Color
<a href="#">RYB</a>	<a href="#">83, 159, 199</a>
Decimal	<a href="#">5490576</a>
CIELab	<a href="#">72.69, -45.60, 17.92</a>
CIELCh	<a href="#">73, 48.993, 158.541</a>
Yxy	<a href="#">44.6995, 0.2707, 0.4169</a>
Android (android.graphics.Color)	<a href="#">4283680656</a> ( <a href="#">0xFF53C790</a> )
YUV	<a href="#">158.0460, -6.9247, -65.8153</a>
Hunter-Lab	<a href="#">66.8577, -39.5092, 17.1067</a>

# Details

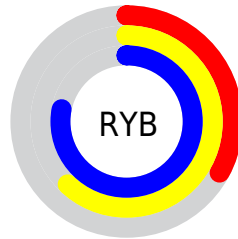
The Decimal color **5490576** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **13063050**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **9371590**, and **36957** is the 20% darker color. If you saturate the color by 10%, you get **4179847**, and if you desaturate by 10%, it is **6801305**.

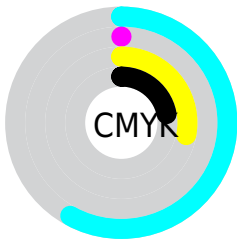
# Distribution



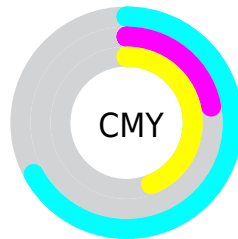
- Red (33%)
- Green (78%)
- Blue (56%)



- Red (33%)
- Yellow (62%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5490576 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 5490576 by changing the saturation by 10% instead.



■ 5490576

■ 5490576

16777215

■ 3386230

■ 9371590

■ 36957

■ 11272162

■ 30278

■ 13172735

■ 23599

■ 15138815

■ 17433

■ 11520

■ 4352

■ 0

■ 5490576

■ 5490576

■ 4179847

■ 6801305

■ 2869117

■ 8112035

■ 1558388

■ 9422764

■ 247658

■ 10733494

■ 51049

■ 12044223

■ 13289417

■ 14600146

■ 15910875

■ 16762853

# Harmonies

## Analogous

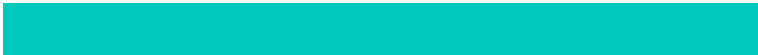
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9551978



5490576



51902

# Triad

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



5490576



8434687



16749949

# Complementary

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



5490576



13063050

# 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.



16747943



5490576



13083385

# Square

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



5490576



49407



16028372



15246431

# Rectangle

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



5490576



51676



16028372



16748938

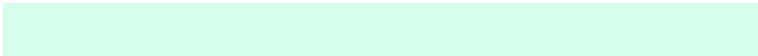


# Sweetspot

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



5490576



13959146



9160531



6717555



0



8421504



# Same Dimension

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



5490576



5111722



5490119



5923679



41814



9235



# Inverse Universe

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



13063050



16731553



13063507



6511198



10682445

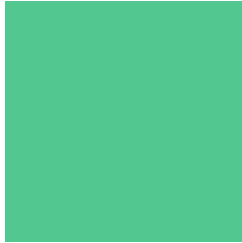


2359313



# Previews

## White Background



This preview shows how the Decimal color 5490576 looks on a white background.

## Color Contrast Check

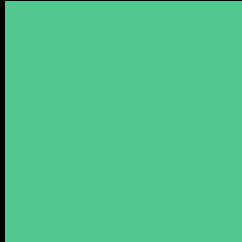
Large Text (above 18pt) WCAG AA × Fail

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 5490576 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

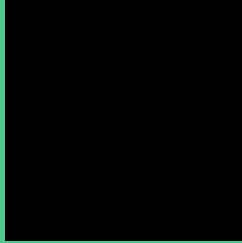
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5490576 Background



This preview shows how black text looks on a background with the Decimal color 5490576.

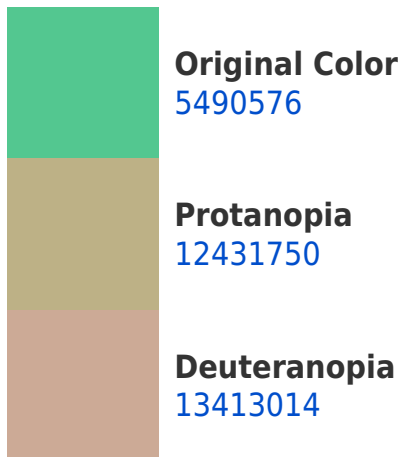


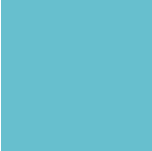
This preview shows how white text looks on a background with the Decimal color 5490576.

# 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**  
6799310

# Trichromacy



**Original Color**

5490576



**Protanomaly**

9877898



**Deuteranomaly**

10532244



**Tritanomaly**

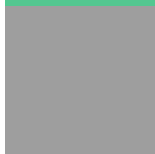
6341303

# Monochromacy



**Original Color**

5490576



**Achromatopsia**

10395294



**Achromatomaly**

8629657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5490576 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 #53C790 looks like.

```
.text, #text, p{  
    color:#53C790  
}
```

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 #53C790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C790
}
```

## Border

The CSS property to change the border of an element to Decimal 5490576 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
#53C790 }
```

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

```
.border{ border-color:#53C790 }
```

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

Here you see how a box with a 4 pixel #53C790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C790; -webkit-box-shadow:4px 4px  
4px 4px #53C790; box-shadow:4px 4px 4px  
4px #53C790 }
```

# Background

The CSS property to change the background color of an element to Decimal 5490576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C790 }
```

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

```
.background{ background-color:#53C790 }
```

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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