

Converting Colors

Decimal(5495690)

Have a look what the booklet for
Decimal(5495690) contains.

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Color

Decimal(5495690)

Conversions

Conversions Part 1

Format	Color
Hex	53DB8A
RGB	83, 219, 138
RGB Percent	33%, 86%, 54%
CMY	0.6745, 0.1412, 0.4588
CMYK	0.62, 0.00, 0.37, 0.14
HSL	144°, 65%, 59%
HSV	144°, 62%, 86%
XYZ	33.4862, 54.3370, 32.7679
YIQ	169.1020, -55.0550, -54.0230

Conversions

Conversions Part 2

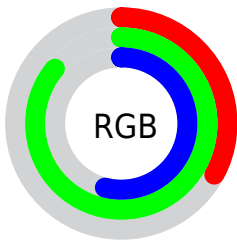
Format	Color
RYB	83, 180, 219
Decimal	5495690
CIELab	78.66, -54.87, 29.18
CIELCh	79, 62.143, 151.999
Yxy	54.3370, 0.2777, 0.4506
Android (android.graphics.Color)	4283685770 (0xFF53DB8A)
YUV	169.1020, -15.3333, -75.5115
Hunter-Lab	73.7136, -47.9108, 25.2434

Details

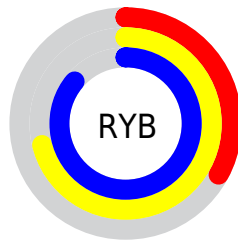
The Decimal color **5495690** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14373796**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **9502656**, and **41815** is the 20% darker color. If you saturate the color by 10%, you get **4053885**, and if you desaturate by 10%, it is **6937495**.

Distribution



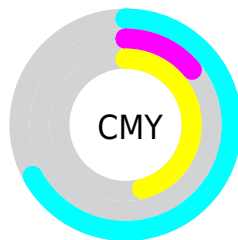
- Red (33%)
- Green (86%)
- Blue (54%)



- Red (33%)
- Yellow (71%)
- Blue (86%)



- Cyan (62%)
- Magenta (0%)
- Yellow (37%)
- Black (14%)



- Cyan (67%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5495690 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 5495690 by changing the saturation by 10% instead.

 5495690

 5495690

16777215

 3129200

 9502656

 41815

 11468764

 34879

 13434873

 27944

 15400959

 21520

 15104

 9216


 0

 5495690

 5495690

 4053885

 6937495

 2612080

 8379300

 1170275

 9821105

 56153

 11262910

 12704715

 14080984

 15522789

 16767986

 16767999

Harmonies

Analogous

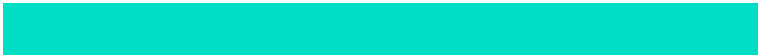
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10801499



5495690



57285

Triad

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



5495690



5556479



16750473

Complementary

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



5495690



14373796

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.



16748737



5495690



13349631

Square

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



5495690



55295



16751610



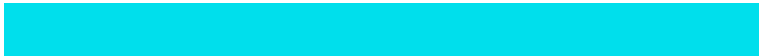
16755804

Rectangle

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



5495690



57324



16751610



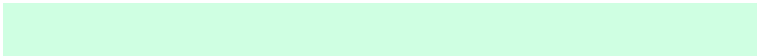
16749467

Sweetspot

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



5495690



13631458



10869587



6455406



0



8421504

Same Dimension

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



5495690



4259725



5495757



6516327



44358



11795

Inverse Universe

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



14373796



16728242



14373729



7234409



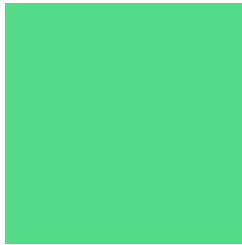
11337831



3014683

Previews

White Background



This preview shows how the Decimal color 5495690 looks on a white background.

Color Contrast Check

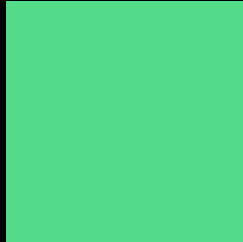
Large Text (above 18pt) WCAG AA × Fail

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 5495690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

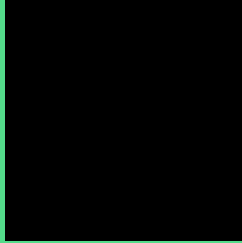
Any Text WCAG AA ✓ Pass

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 5495690 Background



This preview shows how black text looks on a background with the Decimal color 5495690.

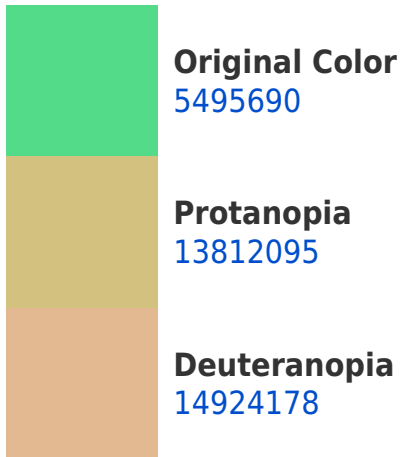


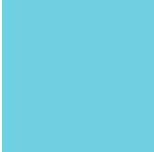
This preview shows how white text looks on a background with the Decimal color 5495690.

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



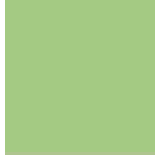


Tritanopia
7262433

Trichromacy



Original Color
5495690



Protanomaly
10799747



Deuteranomaly
11519375



Tritanomaly
6608065

Monochromacy



Original Color
5495690



Achromatopsia
11119017



Achromatomaly
9091998

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5495690 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 #53DB8A looks like.

```
.text, #text, p{  
    color:#53DB8A  
}
```

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 #53DB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53DB8A
}
```

Border

The CSS property to change the border of an element to Decimal 5495690 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
#53DB8A }
```

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

```
.border{ border-color:#53DB8A }
```

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

Here you see how a box with a 4 pixel #53DB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53DB8A; -webkit-box-shadow:4px 4px  
4px 4px #53DB8A; box-shadow:4px 4px 4px  
4px #53DB8A }
```

Background

The CSS property to change the background color of an element to Decimal 5495690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53DB8A }
```

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

```
.background{ background-color:#53DB8A }
```

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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