

Converting Colors

Decimal(5886353)

Have a look what the booklet for
Decimal(5886353) contains.

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Color

Decimal(5886353)

Conversions

Conversions Part 1

Format	Color
Hex	59D191
RGB	89, 209, 145
RGB Percent	35%, 82%, 57%
CMY	0.6510, 0.1804, 0.4314
CMYK	0.57, 0.00, 0.31, 0.18
HSL	148°, 57%, 58%
HSV	148°, 57%, 82%
XYZ	32.0311, 49.7691, 34.7062
YIQ	165.8240, -50.9760, -45.3440

Conversions

Conversions Part 2

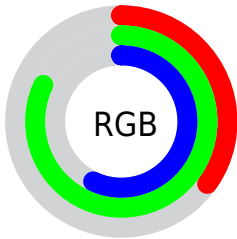
Format	Color
RYB	89, 171, 209
Decimal	5886353
CIELab	75.93, -48.29, 21.88
CIElCh	76, 53.014, 155.629
Yxy	49.7691, 0.2749, 0.4272
Android (android.graphics.Color)	4284076433 (0xFF59D191)
YUV	165.8240, -10.2662, -67.3746
Hunter-Lab	70.5472, -42.4119, 20.2149

Details

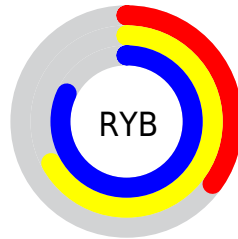
The Decimal color **5886353** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **13719961**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **9764807**, and **694878** is the 20% darker color. If you saturate the color by 10%, you get **4510086**, and if you desaturate by 10%, it is **7262620**.

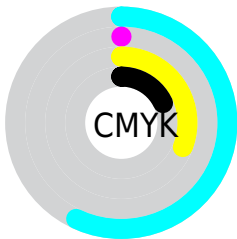
Distribution



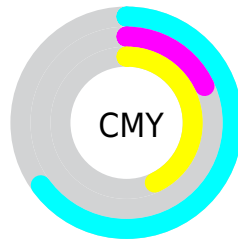
- Red (35%)
- Green (82%)
- Blue (57%)



- Red (35%)
- Yellow (67%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5886353 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 5886353 by changing the saturation by 10% instead.

■ 5886353

■ 5886353

16777215

■ 3782007

■ 9764807

■ 694878

■ 11665379

■ 32582

■ 13631487

■ 25903

■ 15532031

■ 19481

■ 13312

■ 7424

■ 0

■ 5886353

■ 5886353

■ 4510086

■ 7262620

■ 3133819

■ 8638887

■ 1757552

■ 10015154

■ 381284

■ 11391422

■ 53602

■ 12767689

■ 14078420

■ 15454687

■ 16765418

■ 16765429

Harmonies

Analogous

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



10275177



5886353



54467

Triad

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



5886353



7912959



16750981

Complementary

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



5886353



13719961

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.



16749236



5886353



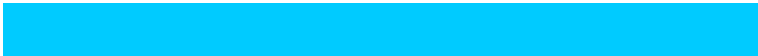
13347839

Square

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



5886353



52223



16751077



16362082

Rectangle

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



5886353



54500



16751077



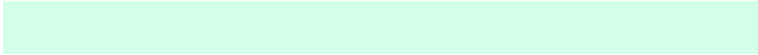
16749972

Sweetspot

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



5886353



13959144



10080601



6717554



0



8421504

Same Dimension

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



5886353



5242785



5886413



6187363



43087



10515

Inverse Universe

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



13719961



16732077



13719901



6905444



11010138



2686998

Previews

White Background



This preview shows how the Decimal color 5886353 looks on a white background.

Color Contrast Check

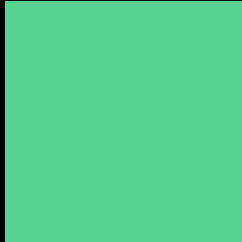
Large Text (above 18pt) WCAG AA × Fail

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 5886353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

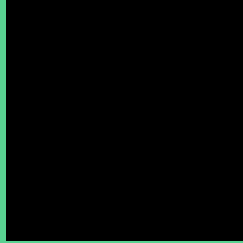
Any Text WCAG AA ✓ Pass

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 5886353 Background



This preview shows how black text looks on a background with the Decimal color 5886353.



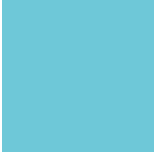
This preview shows how white text looks on a background with the Decimal color 5886353.

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
7260376

Trichromacy



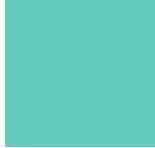
Original Color
5886353



Protanomaly
10535563



Deuteranomaly
11189909

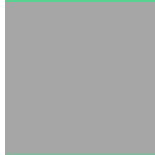


Tritanomaly
6736830

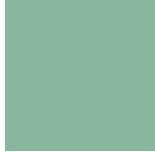
Monochromacy



Original Color
5886353



Achromatopsia
10921638



Achromatomaly
9090718

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5886353 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 #59D191 looks like.

```
.text, #text, p{  
    color:#59D191  
}
```

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 #59D191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D191
}
```

Border

The CSS property to change the border of an element to Decimal 5886353 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
#59D191 }
```

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

```
.border{ border-color:#59D191 }
```

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

Here you see how a box with a 4 pixel #59D191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D191; -webkit-box-shadow:4px 4px  
4px 4px #59D191; box-shadow:4px 4px 4px  
4px #59D191 }
```

Background

The CSS property to change the background color of an element to Decimal 5886353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D191 }
```

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

```
.background{ background-color:#59D191 }
```

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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