

Converting Colors

Decimal(53136)

Have a look what the booklet for
Decimal(53136) contains.

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Color

Decimal(53136)

Conversions

Conversions Part 1

Format	Color
Hex	00CF90
RGB	0, 207, 144
RGB Percent	0%, 81%, 56%
CMY	1.0000, 0.1882, 0.4353
CMYK	1.00, 0.00, 0.30, 0.19
HSL	162°, 100%, 41%
HSV	162°, 100%, 81%
XYZ	27.3469, 46.6393, 33.9465
YIQ	137.9250, -103.1490, -63.4770

Conversions

Conversions Part 2

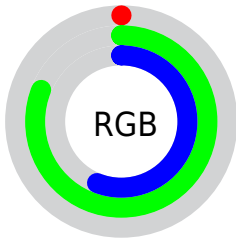
Format	Color
RYB	0, 122, 207
Decimal	53136
CIELab	73.96, -57.67, 19.49
CIELCh	74, 60.870, 161.330
Yxy	46.6393, 0.2534, 0.4321
Android (android.graphics.Color)	4278243216 (0xFF00CF90)
YUV	137.9250, 2.9950, -120.9602
Hunter-Lab	68.2929, -48.0351, 18.3337

Details

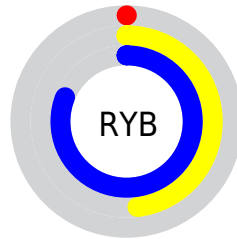
The Decimal color **53136** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13566015**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **6815686**, and **38749** is the 20% darker color. If you saturate the color by 10%, you get **53136**, and if you desaturate by 10%, it is **1429398**.

Distribution



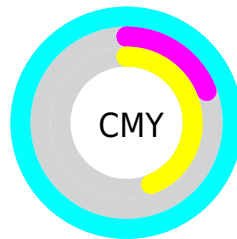
- Red (0%)
- Green (81%)
- Blue (56%)



- Red (0%)
- Yellow (48%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)

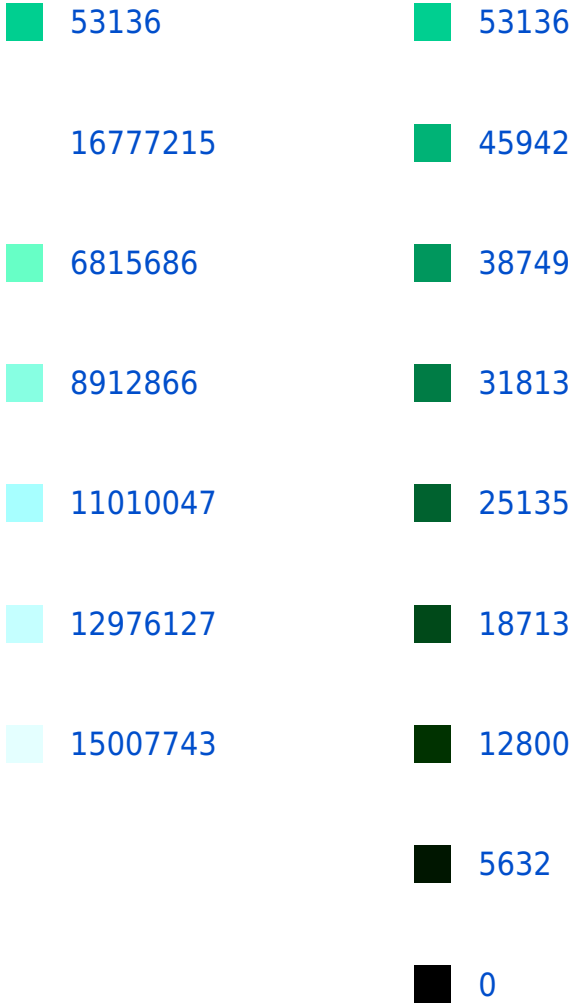


- Cyan (100%)
- Magenta (19%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 53136 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 53136 by changing the saturation by 10% instead.



 53136

 1429398

 2740125

 4116387

 5492649

 6868911

 8179638

 9555900

 10932162

 12242889

Harmonies

Analogous

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



8636254



53136



53962

Triad

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



53136



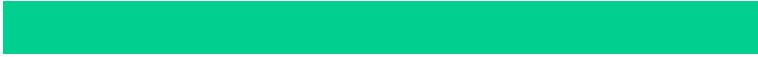
7845375



16748911

Complementary

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



53136



13566015

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.



16745635



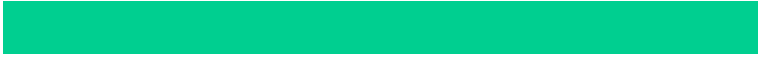
53136



13999871

Square

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



53136



50687



16747227



15902281

Rectangle

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



53136



53486



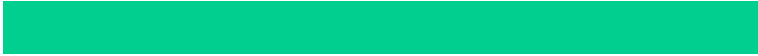
16747227



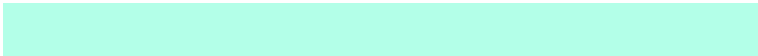
16747391

Sweetspot

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



53136



11796456



4378368



5406834



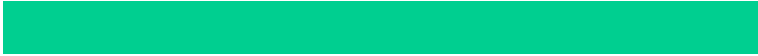
0



8421504

Same Dimension

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



53136



65457



43471



6187365



43125



10524

Inverse Universe

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



13566015



16711758



13575680



6905441



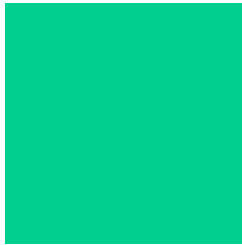
11010099



2686988

Previews

White Background



This preview shows how the Decimal color 53136 looks on a white background.

Color Contrast Check

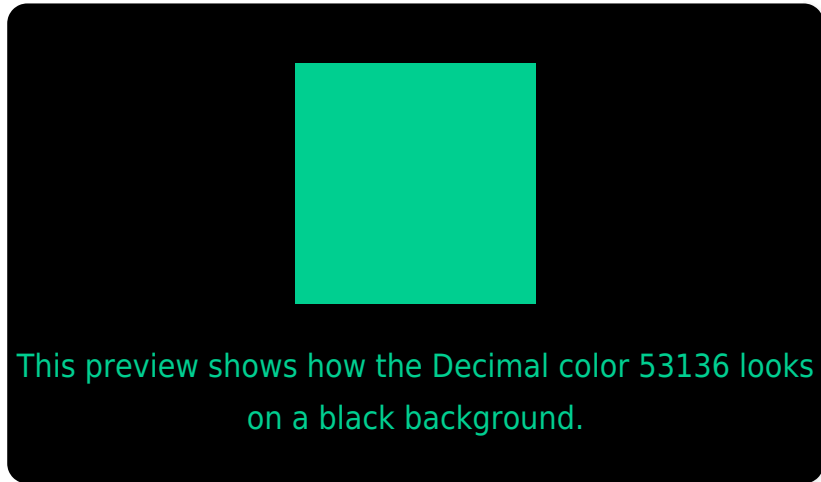
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

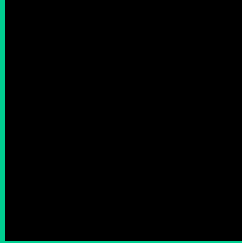
Any Text WCAG AA ✓ Pass

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 53136 Background



This preview shows how black text looks on a background with the Decimal color 53136.



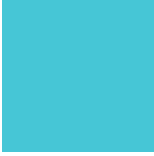
This preview shows how white text looks on a background with the Decimal color 53136.

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
4638422

Trichromacy



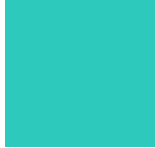
Original Color
53136



Protanomaly
8109704



Deuteranomaly
8698261



Tritanomaly
3000765

Monochromacy



Original Color
53136



Achromatopsia
9079434



Achromatomaly
5809036

CSS Examples

Text

The CSS property to change the color of the text to Decimal 53136 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 #00CF90 looks like.

```
.text, #text, p{  
    color:#00CF90  
}
```

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 #00CF90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CF90
}
```

Border

The CSS property to change the border of an element to Decimal 53136 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
#00CF90 }
```

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

```
.border{ border-color:#00CF90 }
```

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

Here you see how a box with a 4 pixel #00CF90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CF90; -webkit-box-shadow:4px 4px  
4px 4px #00CF90; box-shadow:4px 4px 4px  
4px #00CF90 }
```

Background

The CSS property to change the background color of an element to Decimal 53136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CF90 }
```

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

```
.background{ background-color:#00CF90 }
```

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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