

Converting Colors

Decimal(56468)

Have a look what the booklet for
Decimal(56468) contains.

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Color

Decimal(56468)

Conversions

Conversions Part 1

Format	Color
Hex	00DC94
RGB	0, 220, 148
RGB Percent	0%, 86%, 58%
CMY	1.0000, 0.1373, 0.4196
CMYK	1.00, 0.00, 0.33, 0.14
HSL	160°, 100%, 43%
HSV	160°, 100%, 86%
XYZ	30.9385, 53.3245, 36.6790
YIQ	146.0120, -108.0080, -69.0320

Conversions

Conversions Part 2

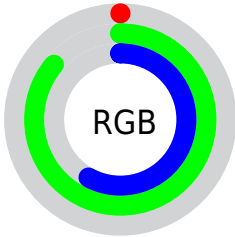
Format	Color
RYB	0, 132, 220
Decimal	56468
CIELab	78.07, -61.51, 23.02
CIELCh	78, 65.679, 159.480
Yxy	53.3245, 0.2558, 0.4409
Android (android.graphics.Color)	4278246548 (0xFF00DC94)
YUV	146.0120, 0.9801, -128.0525
Hunter-Lab	73.0236, -52.1649, 21.3358

Details

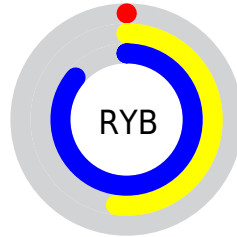
The Decimal color **56468** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **14417992**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **7012298**, and **41825** is the 20% darker color. If you saturate the color by 10%, you get **56468**, and if you desaturate by 10%, it is **1498267**.

Distribution



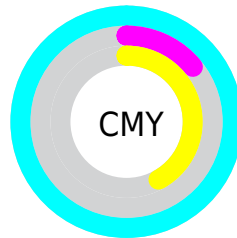
- Red (0%)
- Green (86%)
- Blue (58%)



- Red (0%)
- Yellow (52%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (14%)

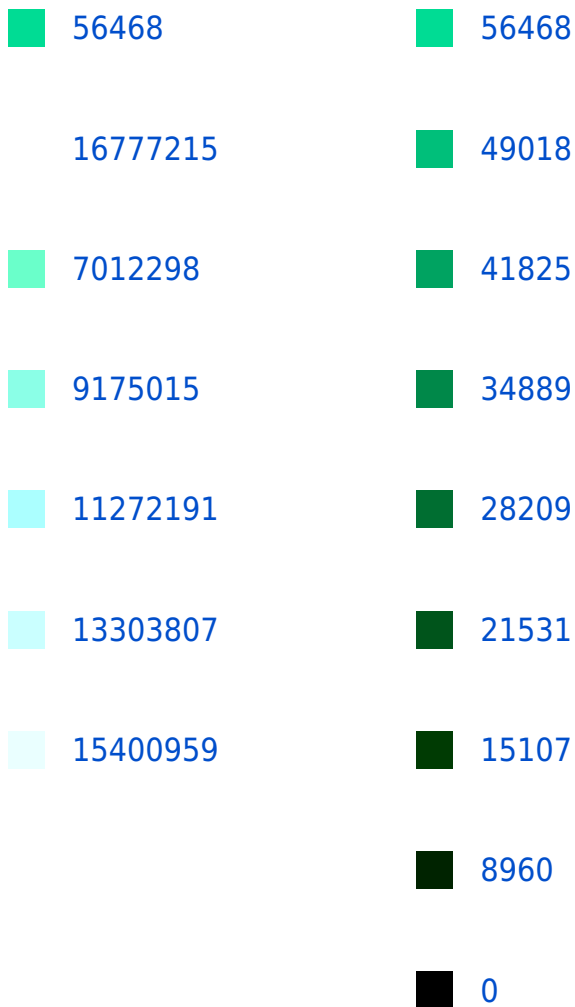


- Cyan (100%)
- Magenta (14%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 56468 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 56468 by changing the saturation by 10% instead.



 56468

 1498267


 2940066

 4381866

 5823665

 7265464

 8707263

 10149062

 11590862

 13032661

Harmonies

Analogous

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



9360222



56468



57299

Triad

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



56468



7455231



16750454

Complementary

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



56468



14417992

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.



16747184



56468



14592511

Square

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



56468



54271



16749293



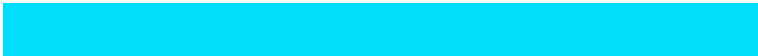
16756556

Rectangle

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



56468



57083



16749293



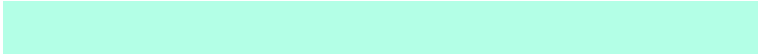
16748937

Sweetspot

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



56468



11796454



4840448



5406832



0



8421504

Same Dimension

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



56468



65452



47068



6516330



44405



11807

Inverse Universe

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



14417992



16711763



14427392



7234406



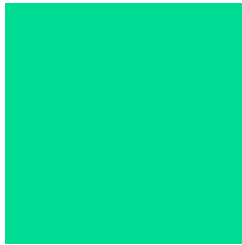
11337785



3014671

Previews

White Background



This preview shows how the Decimal color 56468 looks on a white background.

Color Contrast Check

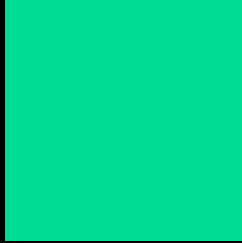
Large Text (above 18pt) WCAG AA × Fail

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 56468 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 56468 Background



This preview shows how black text looks on a background with the Decimal color 56468.



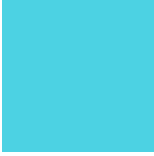
This preview shows how white text looks on a background with the Decimal color 56468.

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
5034723

Trichromacy



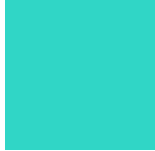
Original Color
56468



Protanomaly
8637068



Deuteranomaly
9291161



Tritanomaly
3200710

Monochromacy



Original Color
56468



Achromatopsia
9605778



Achromatomaly
6139283

CSS Examples

Text

The CSS property to change the color of the text to Decimal 56468 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 #00DC94 looks like.

```
.text, #text, p{  
    color:#00DC94  
}
```

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 #00DC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DC94
}
```

Border

The CSS property to change the border of an element to Decimal 56468 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
#00DC94 }
```

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

```
.border{ border-color:#00DC94 }
```

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

Here you see how a box with a 4 pixel #00DC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DC94; -webkit-box-shadow:4px 4px  
4px 4px #00DC94; box-shadow:4px 4px 4px  
4px #00DC94 }
```

Background

The CSS property to change the background color of an element to Decimal 56468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DC94 }
```

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

```
.background{ background-color:#00DC94 }
```

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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