

Converting Colors

Decimal(53862)

Have a look what the booklet for
Decimal(53862) contains.

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Color

Decimal(53862)

Conversions

Conversions Part 1

Format	Color
Hex	00D266
RGB	0, 210, 102
RGB Percent	0%, 82%, 40%
CMY	1.0000, 0.1765, 0.6000
CMYK	1.00, 0.00, 0.51, 0.18
HSL	149°, 100%, 41%
HSV	149°, 100%, 82%
XYZ	25.4449, 47.0525, 20.3113
YIQ	134.8980, -90.4920, -78.1080

Conversions

Conversions Part 2

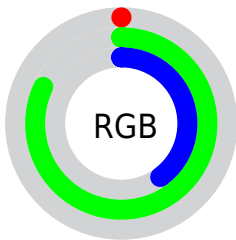
Format	Color
RYB	0, 141, 210
Decimal	53862
CIELab	74.22, -66.65, 41.28
CIELCh	74, 78.395, 148.225
Yxy	47.0525, 0.2742, 0.5070
Android (android.graphics.Color)	4278243942 (0xFF00D266)
YUV	134.8980, -16.2187, -118.3055
Hunter-Lab	68.5948, -53.8274, 30.4603

Details

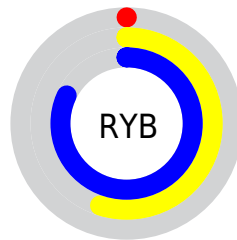
The Decimal color **53862** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **13762668**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **6815643**, and **39475** is the 20% darker color. If you saturate the color by 10%, you get **53862**, and if you desaturate by 10%, it is **1430129**.

Distribution



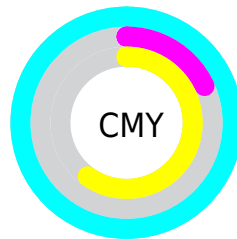
- Red (0%)
- Green (82%)
- Blue (40%)



- Red (0%)
- Yellow (55%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (18%)

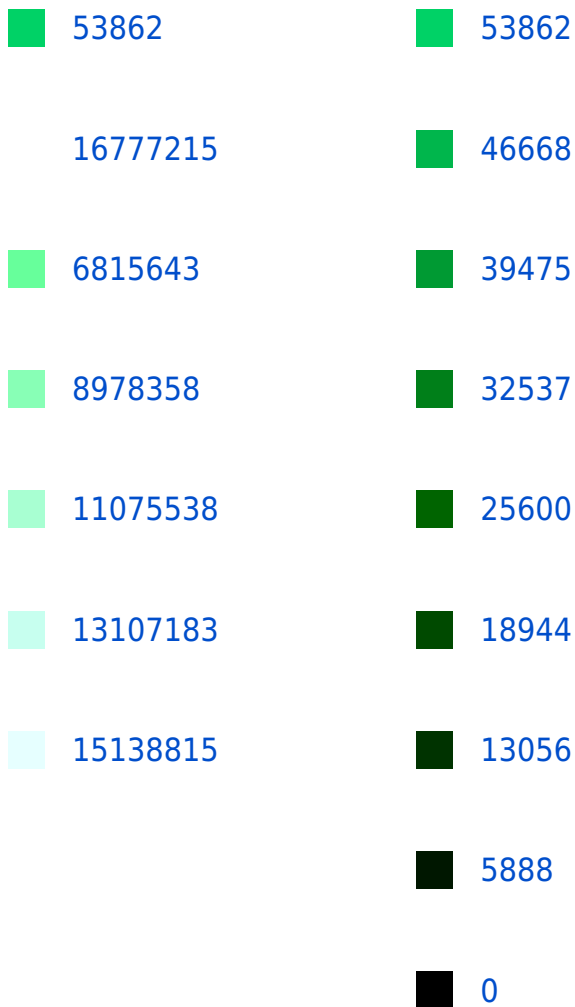


- Cyan (100%)
- Magenta (18%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 53862 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 53862 by changing the saturation by 10% instead.



 53862

 1430129

 2806396

 4182662

 5558929

 6935196

 8311463

 9687730

 11063996

 12440263

Harmonies

Analogous

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



9881121



53862



55216

Triad

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



53862



49407



16742263

Complementary

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



53862



13762668

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.



16739774



53862



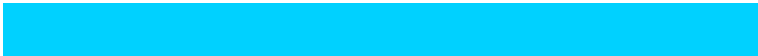
11314687

Square

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



53862



53759



16745727



16749879

Rectangle

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



53862



55522



16745727



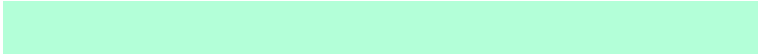
16740494

Sweetspot

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



53862



11796440



7131648



5406824



0



8421504

Same Dimension

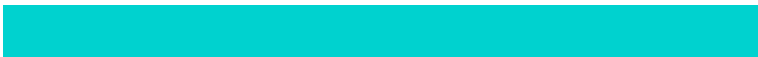
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53862



65404



53967



6187363



43090



10516

Inverse Universe

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



13762668



16711811



13762563



6905443



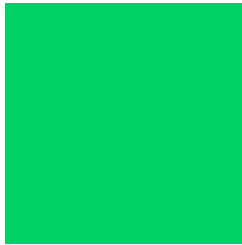
11010135



2686997

Previews

White Background



This preview shows how the Decimal color 53862 looks on a white background.

Color Contrast Check

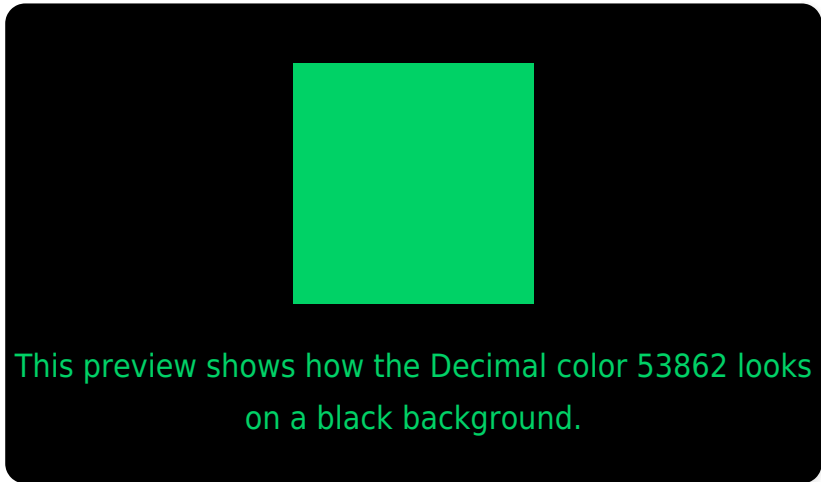
Large Text (above 18pt) WCAG AA × Fail

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 53862 Background



This preview shows how black text looks on a background with the Decimal color 53862.

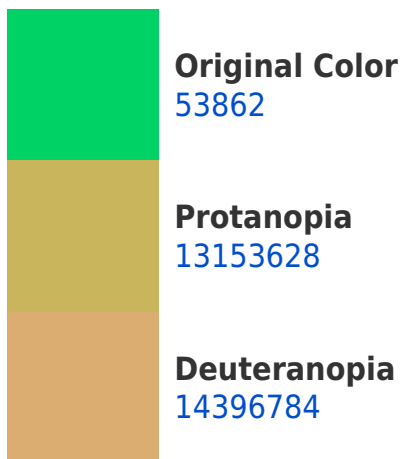


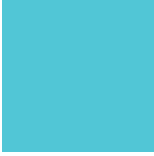
This preview shows how white text looks on a background with the Decimal color 53862.

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](#).

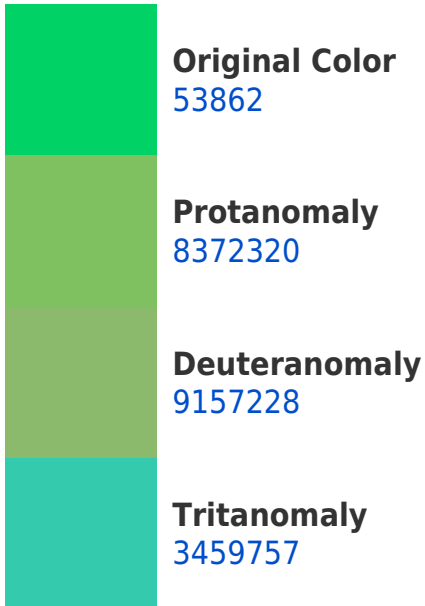
Dichromacy





Tritanopia
5359318

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 53862 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 #00D266 looks like.

```
.text, #text, p{  
    color:#00D266  
}
```

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 #00D266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D266
}
```

Border

The CSS property to change the border of an element to Decimal 53862 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
#00D266 }
```

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

```
.border{ border-color:#00D266 }
```

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

Here you see how a box with a 4 pixel #00D266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D266; -webkit-box-shadow:4px 4px  
4px 4px #00D266; box-shadow:4px 4px 4px  
4px #00D266 }
```

Background

The CSS property to change the background color of an element to Decimal 53862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D266 }
```

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

```
.background{ background-color:#00D266 }
```

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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