

Converting Colors

Decimal(53356)

Have a look what the booklet for
Decimal(53356) contains.

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Color

Decimal(53356)

Conversions

Conversions Part 1

Format	Color
Hex	00D06C
RGB	0, 208, 108
RGB Percent	0%, 82%, 42%
CMY	1.0000, 0.1843, 0.5765
CMYK	1.00, 0.00, 0.48, 0.18
HSL	151°, 100%, 41%
HSV	151°, 100%, 82%
XYZ	25.2626, 46.1945, 21.7723
YIQ	134.4080, -91.8680, -75.1960

Conversions

Conversions Part 2

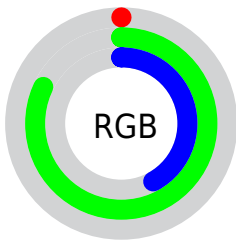
Format	Color
RYB	0, 137, 208
Decimal	53356
CIELab	73.67, -65.04, 37.65
CIELCh	74, 75.151, 149.932
Yxy	46.1945, 0.2710, 0.4955
Android (android.graphics.Color)	4278243436 (0xFF00D06C)
YUV	134.4080, -13.0191, -117.8758
Hunter-Lab	67.9665, -52.5943, 28.5837

Details

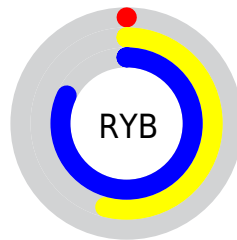
The Decimal color **53356** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **13631588**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **6815649**, and **38970** is the 20% darker color. If you saturate the color by 10%, you get **53356**, and if you desaturate by 10%, it is **1429622**.

Distribution



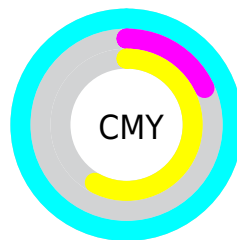
- Red (0%)
- Green (82%)
- Blue (42%)



- Red (0%)
- Yellow (54%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (18%)



















- Cyan (100%)
- Magenta (18%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 53356 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 53356 by changing the saturation by 10% instead.

 53356	 53356
 16777215	 46163
 6815649	 38970
 8912828	 32033
 11010009	 25348
 13041653	 18688
 15073279	 12800
	 5376
	 0

 53356

 1429622

 2805888

 4116618

 5492884

 6869150

 8245416

 9621682

 10932412

 12308678

Harmonies

Analogous

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



9618734



53356



54707

Triad

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



53356



48639



16743284

Complementary

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



53356



13631588

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.



16740536



53356



11772927

Square

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



53356



52735



16745467



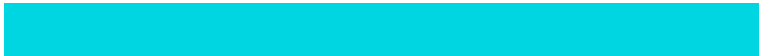
16750393

Rectangle

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



53356



54754



16745467



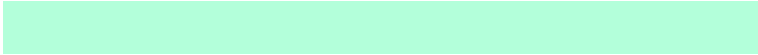
16741514

Sweetspot

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



53356



11796442



6672384



5406825



0



8421504

Same Dimension

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



53356



65412



52688



6187364



43095



10517

Inverse Universe

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



13631588



16711803



13632256



6905443



11010129



2686996

Previews

White Background



This preview shows how the Decimal color 53356 looks on a white background.

Color Contrast Check

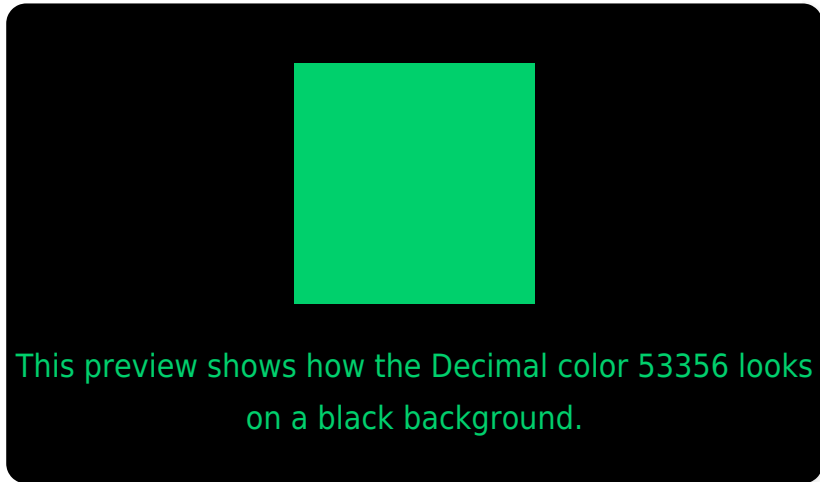
Large Text (above 18pt) WCAG AA × Fail

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 53356 Background



This preview shows how black text looks on a background with the Decimal color 53356.

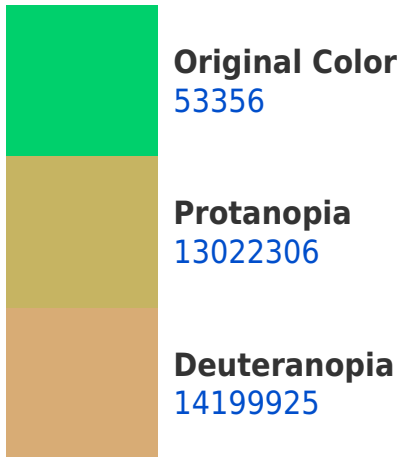


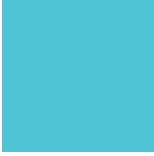
This preview shows how white text looks on a background with the Decimal color 53356.

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
5227732

Trichromacy



Original Color
53356



Protanomaly
8306278



Deuteranomaly
9025906



Tritanomaly
3328174

Monochromacy



Original Color
53356



Achromatopsia
8816262



Achromatomaly
5611901

CSS Examples

Text

The CSS property to change the color of the text to Decimal 53356 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 #00D06C looks like.

```
.text, #text, p{  
    color:#00D06C  
}
```

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 #00D06C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D06C
}
```

Border

The CSS property to change the border of an element to Decimal 53356 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
#00D06C }
```

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

```
.border{ border-color:#00D06C }
```

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

Here you see how a box with a 4 pixel #00D06C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D06C; -webkit-box-shadow:4px 4px  
4px 4px #00D06C; box-shadow:4px 4px 4px  
4px #00D06C }
```

Background

The CSS property to change the background color of an element to Decimal 53356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D06C }
```

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

```
.background{ background-color:#00D06C }
```

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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