

Converting Colors

Decimal(4956176)

Have a look what the booklet for
Decimal(4956176) contains.

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Color

Decimal(4956176)

Conversions

Conversions Part 1

Format	Color
Hex	4BA010
RGB	75, 160, 16
RGB Percent	29%, 63%, 6%
CMY	0.7059, 0.3725, 0.9373
CMYK	0.53, 0.00, 0.90, 0.37
HSL	95°, 82%, 35%
HSV	95°, 90%, 63%
XYZ	15.5660, 26.6749, 4.8186
YIQ	118.1690, -4.4360, -62.8040

Conversions

Conversions Part 2

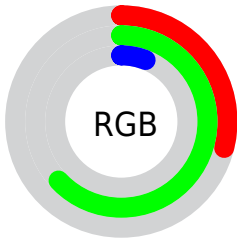
Format	Color
RYB	16, 160, 101
Decimal	4956176
CIELab	58.67, -48.30, 58.00
CIElCh	59, 75.483, 129.788
Yxy	26.6749, 0.3308, 0.5668
Android (android.graphics.Color)	4283146256 (0xFF4BA010)
YUV	118.1690, -50.3693, -37.8592
Hunter-Lab	51.6477, -36.5858, 30.6218

Details

The Decimal color **4956176** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6623392**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8771662**, and **27392** is the 20% darker color. If you saturate the color by 10%, you get **4366336**, and if you desaturate by 10%, it is **5546016**.

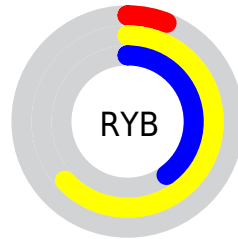
Distribution



Red (29%)

Green (63%)

Blue (6%)



Red (6%)

Yellow (63%)

Blue (40%)

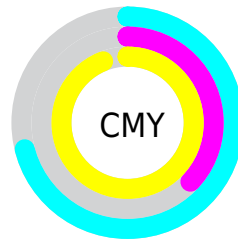


Cyan (53%)

Magenta (0%)

Yellow (90%)

Black (37%)



Cyan (71%)

Magenta (37%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4956176 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 4956176 by changing the saturation by 10% instead.



4956176



4956176

16777215



2917632



8771662



27392



10613865



20992



12517253



14848



14417824



9216



16383932



0



16777177



16777206



4956176



4956176

■ 4366336

■ 5546016

■ 6201392

■ 6791232

■ 7446608

■ 8036448

■ 8691824

■ 9281664

■ 9937040

■ 10526880

Harmonies

Analogous

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



9867520



4956176



43100

Triad

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



4956176



41471



16728186

Complementary

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



4956176



6623392

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.



15420860



4956176



36607

Square

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



4956176



43489



11104500



16013627

Rectangle

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



4956176



43659



11104500



16662417

Sweetspot

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



4956176



11587993



10511376



5597511



15263976



6908265

Same Dimension

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



4956176



5689600



1089564



4869959



3903232



397056

Inverse Universe

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



6623392



8061137



10490004



4998991



5505167



589839

Previews

White Background



This preview shows how the Decimal color 4956176 looks on a white background.

Color Contrast Check

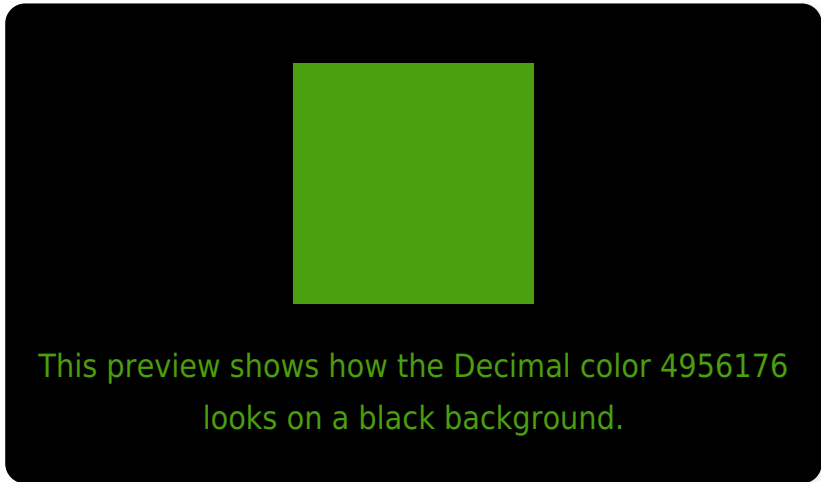
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4956176 Background



This preview shows how black text looks on a background with the Decimal color 4956176.



This preview shows how white text looks on a background with the Decimal color 4956176.

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



Original Color
4956176

Protanopia
10390790

Deuteranopia
11568420



Tritanopia
6460833

Trichromacy



Original Color
4956176

Protanomaly
8426506

Deuteranomaly
9146141

Tritanomaly
5937516

Monochromacy



Original Color
4956176

Achromatopsia
7763574

Achromatomaly
6718801

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4956176 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 #4BA010 looks like.

```
.text, #text, p{  
    color:#4BA010  
}
```

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 #4BA010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA010
}
```

Border

The CSS property to change the border of an element to Decimal 4956176 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
#4BA010 }
```

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

```
.border{ border-color:#4BA010 }
```

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

Here you see how a box with a 4 pixel #4BA010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA010; -webkit-box-shadow:4px 4px  
4px 4px #4BA010; box-shadow:4px 4px 4px  
4px #4BA010 }
```

Background

The CSS property to change the background color of an element to Decimal 4956176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA010 }
```

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

```
.background{ background-color:#4BA010 }
```

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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