

Converting Colors

Decimal(47453)

Have a look what the booklet for
Decimal(47453) contains.

Decimal(47453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(47453)

Conversions

Conversions Part 1

Format	Color
Hex	00B95D
RGB	0, 185, 93
RGB Percent	0%, 73%, 36%
CMY	1.0000, 0.2745, 0.6353
CMYK	1.00, 0.00, 0.50, 0.27
HSL	150°, 100%, 36%
HSV	150°, 100%, 73%
XYZ	19.3247, 35.4882, 16.1873
YIQ	119.1970, -80.7280, -67.8320

Conversions

Conversions Part 2

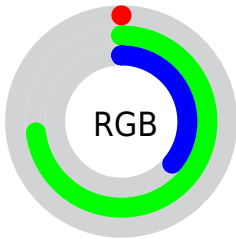
Format	Color
RYB	0, 123, 185
Decimal	47453
CIELab	66.13, -59.99, 35.65
CIElCh	66, 69.779, 149.278
Yxy	35.4882, 0.2722, 0.4998
Android (android.graphics.Color)	4278237533 (0xFF00B95D)
YUV	119.1970, -12.9151, -104.5358
Hunter-Lab	59.5720, -46.3468, 25.5897

Details

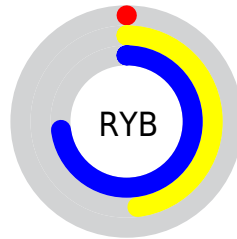
The Decimal color **47453** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **12124252**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6353553**, and **33324** is the 20% darker color. If you saturate the color by 10%, you get **47453**, and if you desaturate by 10%, it is **1227110**.

Distribution



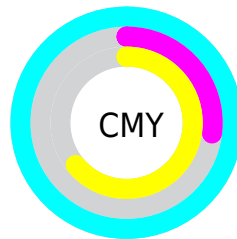
- Red (0%)
- Green (73%)
- Blue (36%)



- Red (0%)
- Yellow (48%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 47453 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 47453 by changing the saturation by 10% instead.

 47453	 47453
 16777215	 40260
 6353553	 33324
 8454060	 26643
 10420168	 19968
 12451812	 14080
 14417919	 7680
 16449535	 0

 47453

 1227110

 2472303

 3717497

 4897154

 6142347

 7322004

 8567197

 9746855

 10992048

Harmonies

Analogous

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



8630051



47453



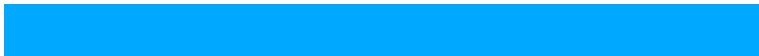
48797

Triad

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



47453



43519



16739175

Complementary

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



47453



12124252

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.



16736933



47453



10260991

Square

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



47453



47103



15365346



15762737

Rectangle

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



47453



48840



15365346



16737659

Sweetspot

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



47453



11071692



6142208



5077090



16250871



7895160

Same Dimension

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



47453



61560



47545



5463127



40014



7182

Inverse Universe

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



12124252



15728759



12124160



6050647



10223693



1835022

Previews

White Background



This preview shows how the Decimal color 47453 looks on a white background.

Color Contrast Check

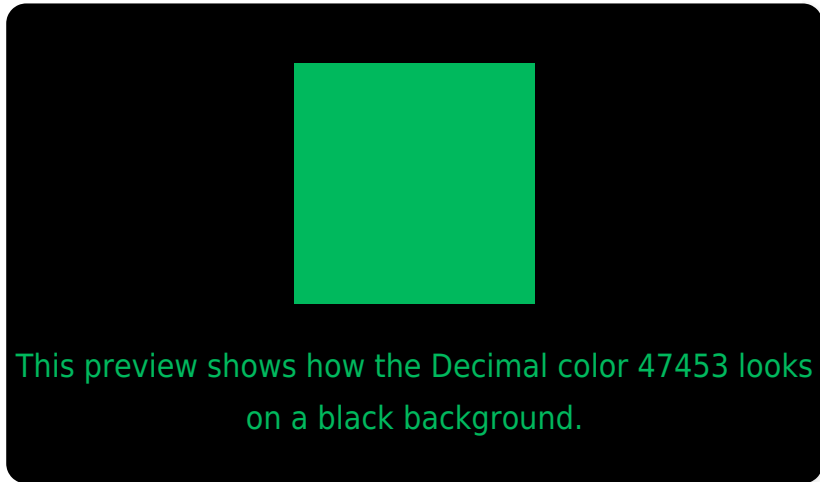
Large Text (above 18pt) WCAG AA × Fail

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 47453 Background



This preview shows how black text looks on a background with the Decimal color 47453.

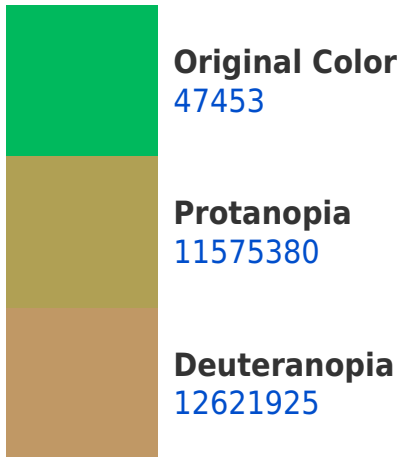


This preview shows how white text looks on a background with the Decimal color 47453.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 47453 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 #00B95D looks like.

```
.text, #text, p{  
    color:#00B95D  
}
```

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 #00B95D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B95D
}
```

Border

The CSS property to change the border of an element to Decimal 47453 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
#00B95D }
```

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

```
.border{ border-color:#00B95D }
```

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

Here you see how a box with a 4 pixel #00B95D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B95D; -webkit-box-shadow:4px 4px  
4px 4px #00B95D; box-shadow:4px 4px 4px  
4px #00B95D }
```

Background

The CSS property to change the background color of an element to Decimal 47453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B95D }
```

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

```
.background{ background-color:#00B95D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor