

Converting Colors

Decimal(46445)

Have a look what the booklet for
Decimal(46445) contains.

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Color

Decimal(46445)

Conversions

Conversions Part 1

Format	Color
Hex	00B56D
RGB	0, 181, 109
RGB Percent	0%, 71%, 43%
CMY	1.0000, 0.2902, 0.5725
CMYK	1.00, 0.00, 0.40, 0.29
HSL	156°, 100%, 35%
HSV	156°, 100%, 71%
XYZ	19.2842, 34.1519, 20.0436
YIQ	118.6730, -84.7640, -60.7640

Conversions

Conversions Part 2

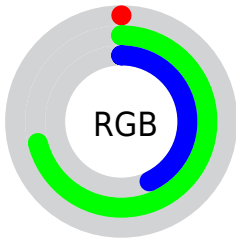
Format	Color
RYB	0, 113, 181
Decimal	46445
CIELab	65.08, -55.69, 26.03
CIElCh	65, 61.473, 154.952
Yxy	34.1519, 0.2624, 0.4648
Android (android.graphics.Color)	4278236525 (0xFF00B56D)
YUV	118.6730, -4.7688, -104.0762
Hunter-Lab	58.4396, -43.3670, 20.5725

Details

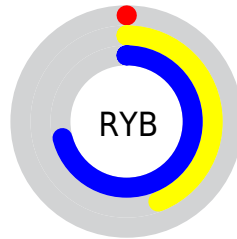
The Decimal color **46445** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **11862088**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6287009**, and **32572** is the 20% darker color. If you saturate the color by 10%, you get **46445**, and if you desaturate by 10%, it is **1226100**.

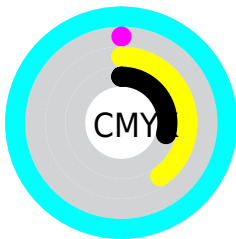
Distribution



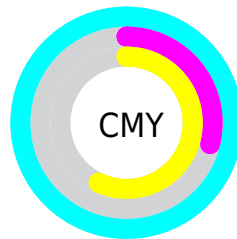
- Red (0%)
- Green (71%)
- Blue (43%)



- Red (0%)
- Yellow (44%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (29%)



















- Cyan (100%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 46445 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 46445 by changing the saturation by 10% instead.

 46445	 46445
 16777215	 39252
 6287009	 32572
 8323004	 25637
 10289112	 19215
 12320757	 13312
 14286847	 6656
 16252927	 0

 46445

 1226100

 2405755

 3585411

 4765066

 6010257

 7189912

 8369567

 9549223

 10728878

Harmonies

Analogous

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



7974205



46445



47270

Triad

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



46445



2859519



16544866

Complementary

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



46445



11862088

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.



16738967



46445



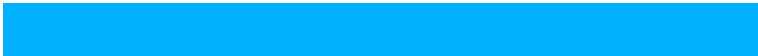
11308025

Square

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



46445



45311



15234510



14649911

Rectangle

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



46445



47307



15234510



16740211

Sweetspot

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



46445



10808271



4764928



4945253



16119285



7697781

Same Dimension

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



46445



60301



41909



5265750



39260



6671

Inverse Universe

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



11862088



15401053



11866624



5853268



10027069



1703946

Previews

White Background



This preview shows how the Decimal color 46445 looks on a white background.

Color Contrast Check

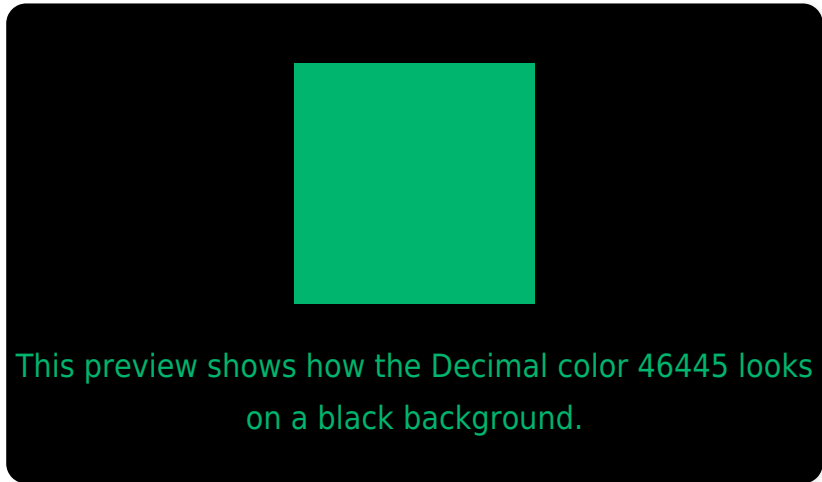
Large Text (above 18pt) WCAG AA × Fail

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

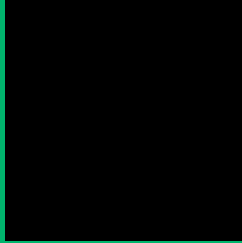
Any Text WCAG AA ✓ Pass

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 46445 Background



This preview shows how black text looks on a background with the Decimal color 46445.

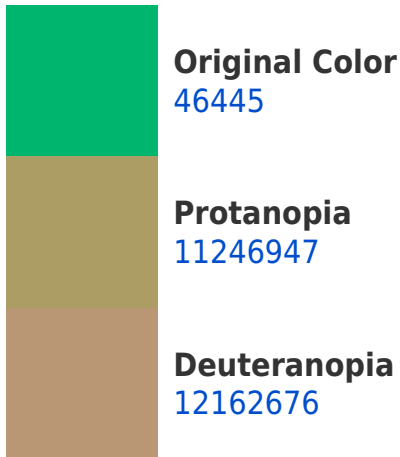



This preview shows how white text looks on a background with the Decimal color 46445.

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



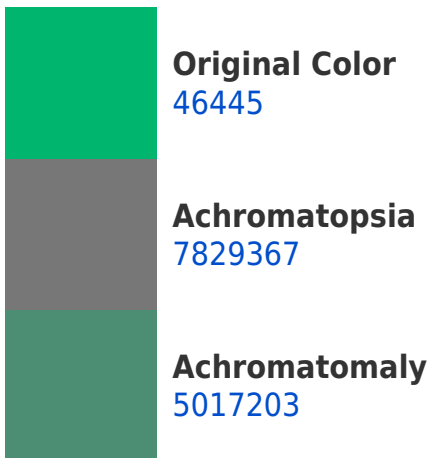


Tritanopia
4369594

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 46445 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 #00B56D looks like.

```
.text, #text, p{  
    color:#00B56D  
}
```

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 #00B56D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B56D
}
```

Border

The CSS property to change the border of an element to Decimal 46445 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
#00B56D }
```

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

```
.border{ border-color:#00B56D }
```

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

Here you see how a box with a 4 pixel #00B56D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B56D; -webkit-box-shadow:4px 4px  
4px 4px #00B56D; box-shadow:4px 4px 4px  
4px #00B56D }
```

Background

The CSS property to change the background color of an element to Decimal 46445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B56D }
```

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

```
.background{ background-color:#00B56D }
```

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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