

Converting Colors

Decimal(42085)

Have a look what the booklet for
Decimal(42085) contains.

Decimal(42085)	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(42085)

Conversions

Conversions Part 1

Format	Color
Hex	00A465
RGB	0, 164, 101
RGB Percent	0%, 64%, 40%
CMY	1.0000, 0.3569, 0.6039
CMYK	1.00, 0.00, 0.38, 0.36
HSL	157°, 100%, 32%
HSV	157°, 100%, 64%
XYZ	15.6244, 27.4905, 16.7946
YIQ	107.7820, -77.5210, -54.3610

Conversions

Conversions Part 2

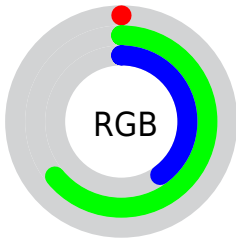
Format	Color
RYB	0, 101, 164
Decimal	42085
CIELab	59.43, -51.21, 22.79
CIELCh	59, 56.051, 156.014
Yxy	27.4905, 0.2608, 0.4589
Android (android.graphics.Color)	4278232165 (0xFF00A465)
YUV	107.7820, -3.3435, -94.5248
Hunter-Lab	52.4314, -38.5624, 17.7104

Details

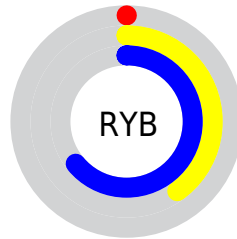
The Decimal color **42085** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10747967**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **5954712**, and **28469** is the 20% darker color. If you saturate the color by 10%, you get **42085**, and if you desaturate by 10%, it is **1090667**.

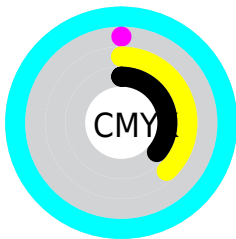
Distribution



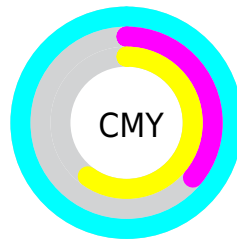
- Red (0%)
- Green (64%)
- Blue (40%)



- Red (0%)
- Yellow (40%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 42085 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 42085 by changing the saturation by 10% instead.


 42085  42085

16777215  35149

 5954712  28469

 7928243  21791

 9895887  15624

 11861995  9728

 13762559  0

 15728639

 42085

 1090667

 2204786

 3253368

 4367486

 5416068

 6464651

 7578769

 8627351

 9741470

Harmonies

Analogous

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



7118138



42085



42904

Triad

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



42085



3510769



14904152

Complementary

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



42085



10747967

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.



15229319



42085



10387167

Square

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



42085



40937



13855416



13205042

Rectangle

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



42085



42681



13855416



15165031

Sweetspot

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



42085



9885374



4367360



4549468



15461355



7039851

Same Dimension

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



42085



54916



38052



4805198



37210



4619

Inverse Universe

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



10747967



14024786



10752000



5392717



9502776



1179655

Previews

White Background



This preview shows how the Decimal color 42085 looks on a white background.

Color Contrast Check

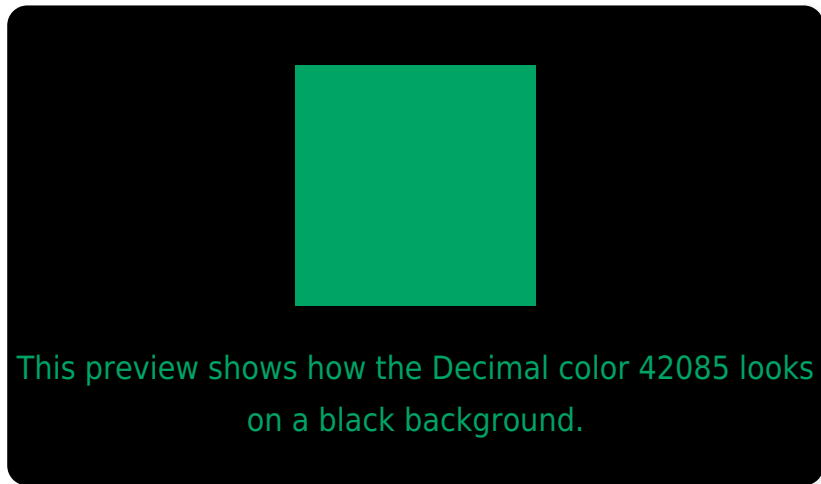
Large Text (above 18pt) WCAG AA ✓ Pass

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 42085 Background



This preview shows how black text looks on a background with the Decimal color 42085.



This preview shows how white text looks on a background with the Decimal color 42085.

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
3906729

Trichromacy



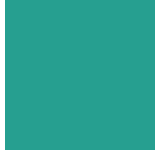
Original Color
42085



Protanomaly
6526559



Deuteranomaly
6984297



Tritanomaly
2531216

Monochromacy



Original Color
42085



Achromatopsia
7105644



Achromatomaly
4554857

CSS Examples

Text

The CSS property to change the color of the text to Decimal 42085 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 #00A465 looks like.

```
.text, #text, p{  
    color:#00A465  
}
```

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 #00A465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A465
}
```

Border

The CSS property to change the border of an element to Decimal 42085 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
#00A465 }
```

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

```
.border{ border-color:#00A465 }
```

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

Here you see how a box with a 4 pixel #00A465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A465; -webkit-box-shadow:4px 4px  
4px 4px #00A465; box-shadow:4px 4px 4px  
4px #00A465 }
```

Background

The CSS property to change the background color of an element to Decimal 42085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A465 }
```

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

```
.background{ background-color:#00A465 }
```

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