

Converting Colors

Decimal(5085015)

Have a look what the booklet for
Decimal(5085015) contains.

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Color

Decimal(5085015)

Conversions

Conversions Part 1

Format	Color
Hex	4D9757
RGB	77, 151, 87
RGB Percent	30%, 59%, 34%
CMY	0.6980, 0.4078, 0.6588
CMYK	0.49, 0.00, 0.42, 0.41
HSL	128°, 32%, 45%
HSV	128°, 49%, 59%
XYZ	15.8475, 24.3991, 12.8911
YIQ	121.5780, -23.5600, -35.5920

Conversions

Conversions Part 2

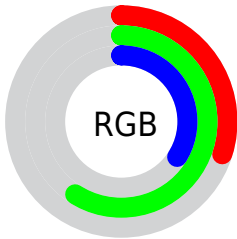
Format	Color
RYB	77, 142, 151
Decimal	5085015
CIELab	56.49, -37.24, 26.77
CIELCh	56, 45.862, 144.291
Yxy	24.3991, 0.2982, 0.4592
Android (android.graphics.Color)	4283275095 (0xFF4D9757)
YUV	121.5780, -17.0470, -39.0949
Hunter-Lab	49.3955, -29.1742, 19.1035

Details

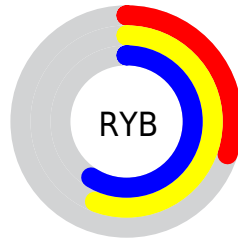
The Decimal color **5085015** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9915789**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **8638090**, and **1270568** is the 20% darker color. If you saturate the color by 10%, you get **4101962**, and if you desaturate by 10%, it is **6068068**.

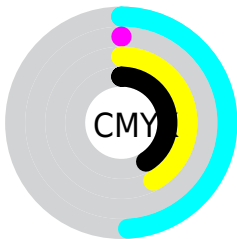
Distribution



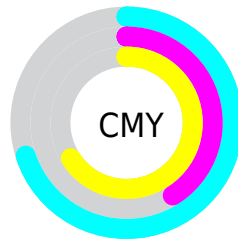
- Red (30%)
- Green (59%)
- Blue (34%)



- Red (30%)
- Yellow (56%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (42%)
- Black (41%)



- Cyan (70%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5085015 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 5085015 by changing the saturation by 10% instead.



5085015



5085015

16777215



3308863



8638090



1270568



10414756



19217



12255168



13056



14155740



7936



16056312



0



5085015



5085015



4101962



6068068



3118909



7051121

■ 2135856

■ 8034174

■ 1152803

■ 9017227

■ 169750

■ 10065816

■ 38676

■ 11048869

■ 12031922

■ 13014975

■ 13998029

Harmonies

Analogous

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



8294203



5085015



39806

Triad

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



5085015



1347287



13723497

Complementary

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



5085015



9915789

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.



13461137



5085015



8224976

Square

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



5085015



38855



11628727



12743752

Rectangle

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



5085015



40090



11628727



13788534

Sweetspot

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



5085015



10994859



9279309



5399380



14935011



6513507

Same Dimension

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



5085015



5358688



5085052



4541766



35859



3330

Inverse Universe

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



9915789



12865973



9915752



5064011



9175161



851979

Previews

White Background



This preview shows how the Decimal color 5085015 looks on a white background.

Color Contrast Check

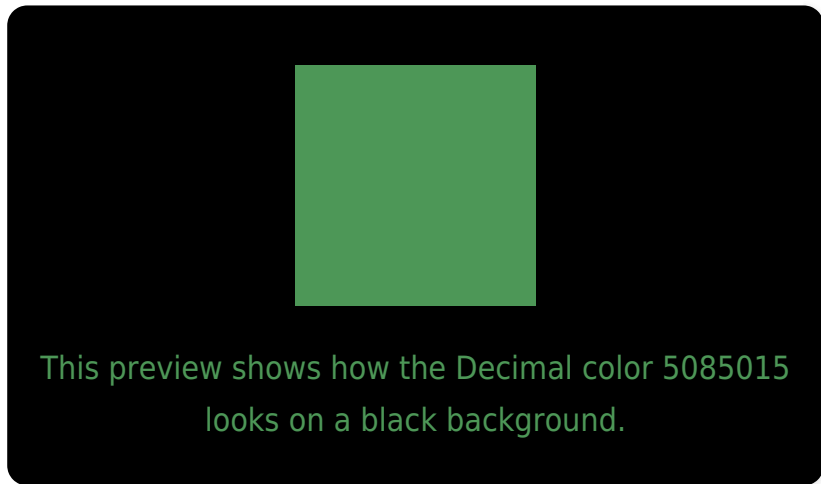
Large Text (above 18pt) WCAG AA ✓ Pass

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

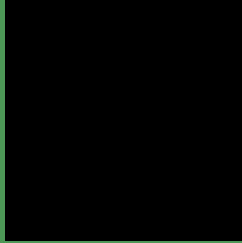
Any Text WCAG AA ✓ Pass

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 5085015 Background



This preview shows how black text looks on a background with the Decimal color 5085015.



This preview shows how white text looks on a background with the Decimal color 5085015.

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



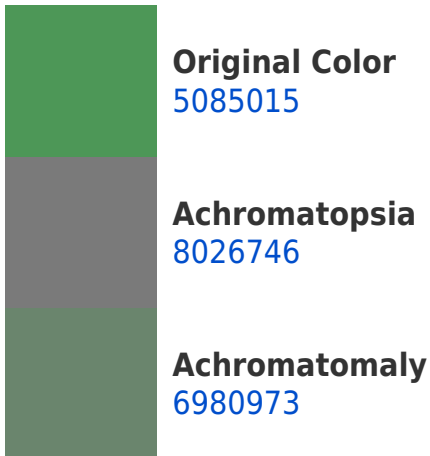


Tritanopia
6066075

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5085015 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 #4D9757 looks like.

```
.text, #text, p{  
  color:#4D9757  
}
```

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 #4D9757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9757
}
```

Border

The CSS property to change the border of an element to Decimal 5085015 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
#4D9757 }
```

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

```
.border{ border-color:#4D9757 }
```

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

Here you see how a box with a 4 pixel #4D9757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9757; -webkit-box-shadow:4px 4px  
4px 4px #4D9757; box-shadow:4px 4px 4px  
4px #4D9757 }
```

Background

The CSS property to change the background color of an element to Decimal 5085015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9757 }
```

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

```
.background{ background-color:#4D9757 }
```

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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