

# Converting Colors

Decimal(5740366)

Have a look what the booklet for  
Decimal(5740366) contains.

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# Color

**Decimal(5740366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57974E
RGB	87, 151, 78
RGB Percent	34%, 59%, 31%
CMY	0.6588, 0.4078, 0.6941
CMYK	0.42, 0.00, 0.48, 0.41
HSL	113°, 32%, 45%
HSV	113°, 48%, 59%
XYZ	16.3722, 24.7095, 11.1142
YIQ	123.5420, -14.7110, -36.2710

# Conversions

## Conversions Part 2

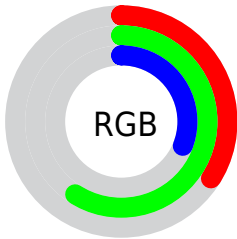
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 151, 142
Decimal	5740366
CIELab	56.79, -35.55, 32.03
CIELCh	57, 47.856, 137.982
Yxy	24.7095, 0.3137, 0.4734
Android (android.graphics.Color)	4283930446 (0xFF57974E)
YUV	123.5420, -22.4522, -32.0473
Hunter-Lab	49.7087, -28.1987, 21.5396

# Details

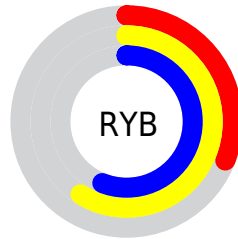
The Decimal color **5740366** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9326231**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **9227904**, and **2188062** is the 20% darker color. If you saturate the color by 10%, you get **4888383**, and if you desaturate by 10%, it is **6592349**.

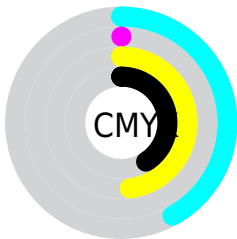
# Distribution



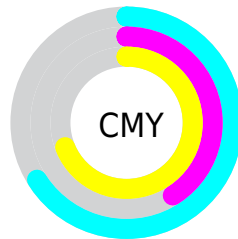
- Red (34%)
- Green (59%)
- Blue (31%)



- Red (31%)
- Yellow (59%)
- Blue (56%)



- Cyan (42%)
- Magenta (0%)
- Yellow (48%)
- Black (41%)



- Cyan (66%)
- Magenta (41%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5740366 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 5740366 by changing the saturation by 10% instead.



■ 5740366

■ 5740366

16777215

■ 4029750

■ 9227904

■ 2188062

■ 11070107

■ 19205

■ 12910518

■ 13056

■ 14745554

■ 8192

■ 16711662

■ 0

■ 5740366

■ 5740366

■ 4888383

■ 6592349

■ 4036400

■ 7444332

 3118881

 8361851

 2266898

 9213834

 1414915

 10065818

 1283840

 10917801

 11835320

 12687303

 13539286

# Harmonies

## Analogous

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



8883764



5740366



40054

# Triad

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



5740366



37593



14050673

# Complementary

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



5740366



9326231

# 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.



13395611



5740366



7242968

# Square

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



5740366



39621



11236288



13267020

# Rectangle

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



5740366



40338



11236288



13984639



# Sweetspot

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



5740366



11256999



9932110



5530450



14935011



6513507



# Same Dimension

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



5740366



6407250



5150569



4607301



1149952



134400



# Inverse Universe

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



9326231



11948740



9916028



4998477



8061068



720909



# Previews

## White Background



This preview shows how the Decimal color 5740366 looks on a white background.

## Color Contrast Check

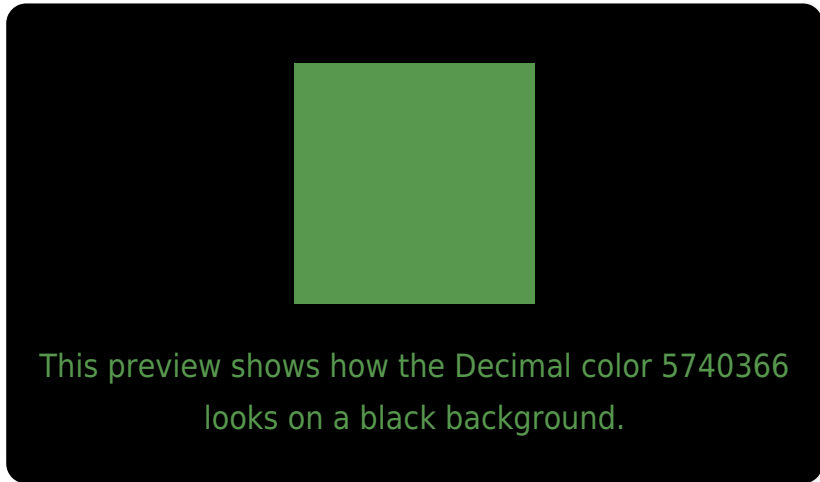
Large Text (above 18pt) WCAG AA ✓ Pass

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

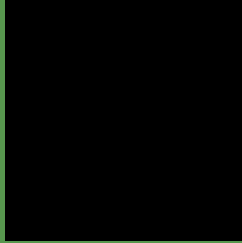
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5740366 Background



This preview shows how black text looks on a background with the Decimal color 5740366.




This preview shows how white text looks on a background with the Decimal color 5740366.

# 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**  
6655898

# Trichromacy



**Original Color**  
5740366

**Protanomaly**  
8293707

**Deuteranomaly**  
8948049

**Tritanomaly**  
6328958

# Monochromacy



**Original Color**  
5740366

**Achromatopsia**  
8158332

**Achromatomaly**  
7308907

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5740366 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 #57974E looks like.

```
.text, #text, p{  
    color:#57974E  
}
```

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 #57974E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57974E
}
```

## Border

The CSS property to change the border of an element to Decimal 5740366 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
#57974E }
```

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

```
.border{ border-color:#57974E }
```

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

Here you see how a box with a 4 pixel #57974E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57974E; -webkit-box-shadow:4px 4px  
4px 4px #57974E; box-shadow:4px 4px 4px  
4px #57974E }
```

# Background

The CSS property to change the background color of an element to Decimal 5740366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57974E }
```

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

```
.background{ background-color:#57974E }
```

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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