

# Converting Colors

Decimal(1545801)

Have a look what the booklet for  
Decimal(1545801) contains.

|  |    |
|--|----|
| <b>Decimal(1545801)</b> .....                  | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Decimal(1545801)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 179649                       |
| RGB         | 23, 150, 73                  |
| RGB Percent | 9%, 59%, 29%                 |
| CMY         | 0.9098, 0.4118, 0.7137       |
| CMYK        | 0.85, 0.00, 0.51, 0.41       |
| HSL         | 144°, 73%, 34%               |
| HSV         | 144°, 85%, 59%               |
| XYZ         | 12.4623, 22.4759, 9.9848     |
| YIQ         | 103.2490, -50.9750, -50.8710 |

# Conversions

## Conversions Part 2

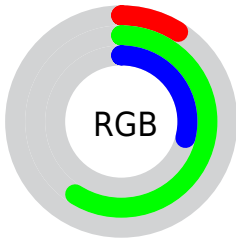
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 23, 114, 150                    |
| Decimal                             | 1545801                         |
| CIE <sub>Lab</sub>                  | 54.53, -49.99, 31.41            |
| CIE <sub>LCh</sub>                  | 55, 59.038, 147.856             |
| Yxy                                 | 22.4759, 0.2774,<br>0.5003      |
| Android<br>(android.graphics.Color) | 4279735881<br>(0xFF179649)      |
| YUV                                 | 103.2490, -14.9128,<br>-70.3784 |
| Hunter-Lab                          | 47.4087, -36.0432,<br>20.6990   |

# Details

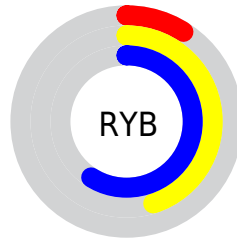
The Decimal color **1545801** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9836388**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **6081915**, and **25113** is the 20% darker color. If you saturate the color by 10%, you get **562752**, and if you desaturate by 10%, it is **2528850**.

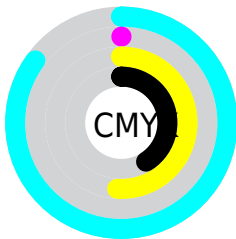
# Distribution



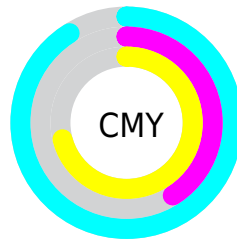
- Red (9%)
- Green (59%)
- Blue (29%)



- Red (9%)
- Yellow (45%)
- Blue (59%)



- Cyan (85%)
- Magenta (0%)
- Yellow (51%)
- Black (41%)



- Cyan (91%)
- Magenta (41%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1545801 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 1545801 by changing the saturation by 10% instead.



 1545801

 1545801

16777215

 31537

 6081915

 25113

 8055445

 18689

 9961392

 12544

 11861964

 6144

 13762537

 0

 15728639

 1545801

 1545801

 562752

 2528850

■ 38459

■ 3511899

■ 4494948

■ 5477997

■ 6461046

■ 7444096

■ 8427145

■ 9410194

■ 10393243

# Harmonies

## Analogous

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



7179547



1545801



39549

# Triad

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



1545801



35561



14374486

# Complementary

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



1545801



9836388

# 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.



14307464



1545801



8091357

# Square

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



1545801



38360



12345274



12938026

# Rectangle

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



1545801



39584



12345274



14570086



# Sweetspot

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



1545801



9552548



6657559



4481359



14737632



6381921



# Same Dimension

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



1545801



49740



1545863



4409925



35382



2564



# Inverse Universe

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



9836388



12714102



9836326



4866887



9044051



655366



# Previews

## White Background



This preview shows how the Decimal color 1545801 looks on a white background.

## Color Contrast Check

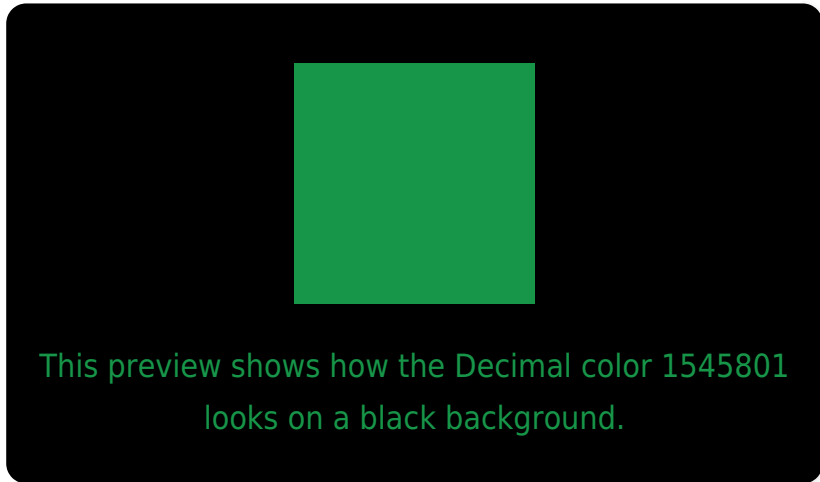
Large Text (above 18pt) WCAG AA ✓ Pass

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

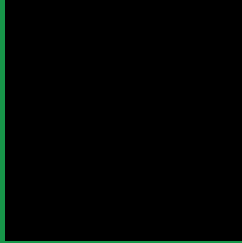
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 1545801 Background



This preview shows how black text looks on a background with the Decimal color 1545801.



This preview shows how white text looks on a background with the Decimal color 1545801.

# 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



**Original Color**  
1545801



**Protanomaly**  
6523205



**Deuteranomaly**  
7112013



**Tritanomaly**  
3117180

# Monochromacy



**Original Color**  
1545801



**Achromatopsia**  
6776679



**Achromatomaly**  
4880476

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1545801 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 #179649 looks like.

```
.text, #text, p{  
    color:#179649  
}
```

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 #179649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #179649
}
```

## Border

The CSS property to change the border of an element to Decimal 1545801 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
#179649 }
```

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

```
.border{ border-color:#179649 }
```

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

Here you see how a box with a 4 pixel #179649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #179649; -webkit-box-shadow:4px 4px  
4px 4px #179649; box-shadow:4px 4px 4px  
4px #179649 }
```

# Background

The CSS property to change the background color of an element to Decimal 1545801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#179649 }
```

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

```
.background{ background-color:#179649 }
```

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**