

# Converting Colors

Decimal(6136184)

Have a look what the booklet for  
Decimal(6136184) contains.

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# Color

**Decimal(6136184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DA178
RGB	93, 161, 120
RGB Percent	36%, 63%, 47%
CMY	0.6353, 0.3686, 0.5294
CMYK	0.42, 0.00, 0.25, 0.37
HSL	144°, 27%, 50%
HSV	144°, 42%, 63%
XYZ	20.6492, 29.1730, 22.3119
YIQ	135.9940, -27.3670, -27.1670

# Conversions

## Conversions Part 2

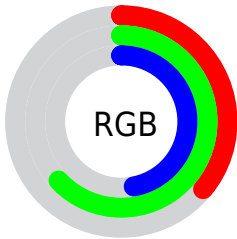
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 142, 161
Decimal	6136184
CIELab	60.93, -31.03, 14.73
CIELCh	61, 34.353, 154.603
Yxy	29.1730, 0.2863, 0.4044
Android (android.graphics.Color)	4284326264 (0xFF5DA178)
YUV	135.9940, -7.8850, -37.7057
Hunter-Lab	54.0120, -26.2790, 13.3162

# Details

The Decimal color **6136184** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10575238**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **9623724**, and **2649415** is the 20% darker color. If you saturate the color by 10%, you get **5087598**, and if you desaturate by 10%, it is **7184770**.

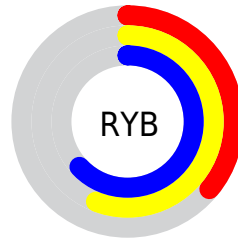
# Distribution



Red (36%)

Green (63%)

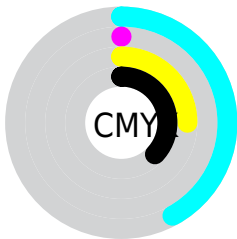
Blue (47%)



Red (36%)

Yellow (56%)

Blue (63%)

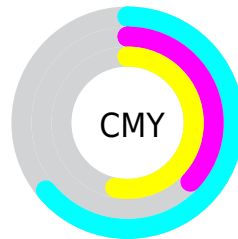


Cyan (42%)

Magenta (0%)

Yellow (25%)

Black (37%)



Cyan (64%)

Magenta (37%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6136184 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 6136184 by changing the saturation by 10% instead.





6136184



6136184

16777215



4425567



9623724



2649415



11466184



545841



13303780



15387



15204351



9730



1536



0



6136184



6136184



5087598



7184770

■ 4039013

■ 8233355

■ 2990427

■ 9281941

■ 1941841

■ 10330527

■ 827719

■ 11444649

■ 41280

■ 12493234

■ 13541820

■ 14590406

■ 15638991

# Harmonies

## Analogous

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



8559456



6136184



3253143

# Triad

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



6136184



7247055



13401970

# Complementary

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



6136184



10575238

# 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.



13466511



6136184



10324421

# Square

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



6136184



3644873



12418990



12355677

# Rectangle

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



6136184



893867



12418990



13532539



# Sweetspot

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



6136184



11981249



8888669



5794142



15263976



6908265



# Same Dimension

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



6136184



6738321



6136217



4805197



37178



4615



# Inverse Universe

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



10575238



13723303



10575205



5392718



9502808

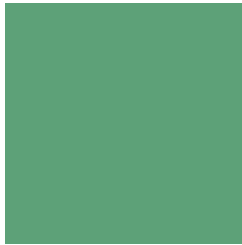


1179659



# Previews

## White Background



This preview shows how the Decimal color 6136184 looks on a white background.

## Color Contrast Check

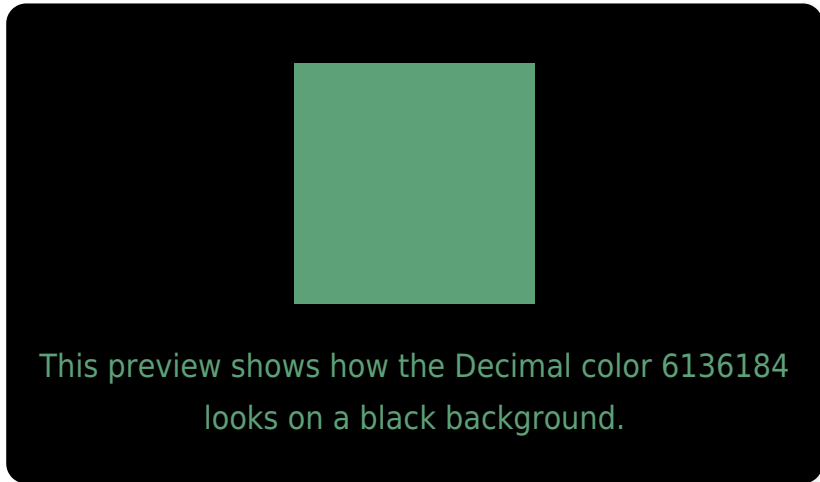
Large Text (above 18pt) WCAG AA ✓ Pass

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 6136184 Background



This preview shows how black text looks on a background with the Decimal color 6136184.



This preview shows how white text looks on a background with the Decimal color 6136184.

# 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



**Original Color**  
6136184

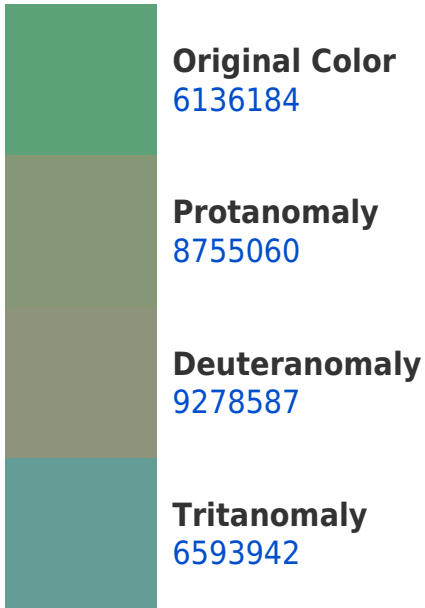
**Protanopia**  
10261105

**Deuteranopia**  
11046268

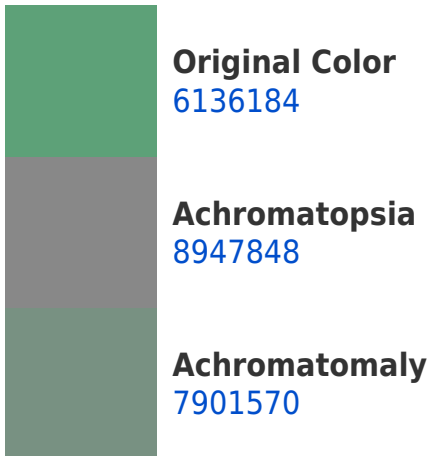


**Tritanopia**  
6855591

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6136184 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 #5DA178 looks like.

```
.text, #text, p{  
    color:#5DA178  
}
```

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 #5DA178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA178
}
```

## Border

The CSS property to change the border of an element to Decimal 6136184 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
#5DA178 }
```

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

```
.border{ border-color:#5DA178 }
```

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

Here you see how a box with a 4 pixel #5DA178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA178; -webkit-box-shadow:4px 4px  
4px 4px #5DA178; box-shadow:4px 4px 4px  
4px #5DA178 }
```

# Background

The CSS property to change the background color of an element to Decimal 6136184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA178 }
```

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

```
.background{ background-color:#5DA178 }
```

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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