

# Converting Colors

Decimal(6010186)

Have a look what the booklet for  
Decimal(6010186) contains.

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# **Color**

**Decimal(6010186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB54A
RGB	91, 181, 74
RGB Percent	36%, 71%, 29%
CMY	0.6431, 0.2902, 0.7098
CMYK	0.50, 0.00, 0.59, 0.29
HSL	110°, 42%, 50%
HSV	110°, 59%, 71%
XYZ	22.0743, 35.7663, 12.2187
YIQ	141.8920, -19.2930, -52.3570

# Conversions

## Conversions Part 2

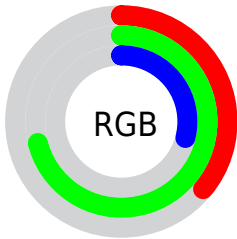
Format	Color
<a href="#">RYB</a>	<a href="#">74, 181, 164</a>
Decimal	<a href="#">6010186</a>
CIELab	<a href="#">66.34, -47.58, 45.50</a>
CIElCh	<a href="#">66, 65.831, 136.280</a>
Yxy	<a href="#">35.7663, 0.3151, 0.5105</a>
Android (android.graphics.Color)	<a href="#">4284200266 (0xFF5BB54A)</a>
YUV	<a href="#">141.8920, -33.4708, -44.6323</a>
Hunter-Lab	<a href="#">59.8049, -38.7734, 29.7499</a>

# Details

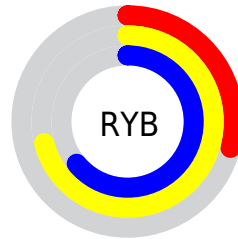
The Decimal color **6010186** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **10767029**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9694846**, and **1867540** is the 20% darker color. If you saturate the color by 10%, you get **5027128**, and if you desaturate by 10%, it is **6993244**.

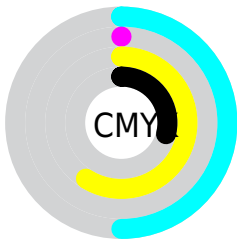
# Distribution



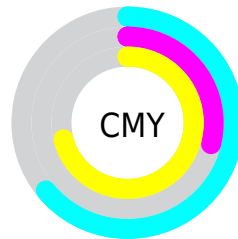
- Red (36%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (64%)



- Cyan (50%)
- Magenta (0%)
- Yellow (59%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6010186 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 6010186 by changing the saturation by 10% instead.



 6010186


 6010186

16777215

 4102704

 9694846

 1867540

 11599769

 25856

 13500340

 19456

 15400913

 13568

 16777197

 7680

 0

 6010186

 6010186

 5027128

 6993244

■ 4044070

■ 7976302

■ 2995476

■ 9024896

■ 2012418

■ 10007954

■ 1946880

■ 10991013

■ 11974071

■ 13022665

■ 14005723

■ 14988781

# Harmonies

## Analogous

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



10594335



6010186



48259

# Triad

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



6010186



45311



16738948

# Complementary

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



6010186



10767029

# 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.



16739775



6010186



7052799

# Square

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



6010186



47862



13468660



16546894

# Rectangle

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



6010186



48556



13468660



16738455

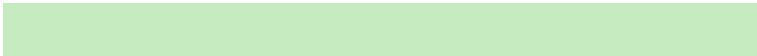


# Sweetspot

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



6010186



13102016



11903818



6321499



16119285



7697781



# Same Dimension

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



6010186



6220612



4896110



5396816



1612032



268800



# Inverse Universe

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



10767029



13649131



11881105



5787737



8454297



1376282



# Previews

## White Background



This preview shows how the Decimal color 6010186 looks on a white background.

## Color Contrast Check

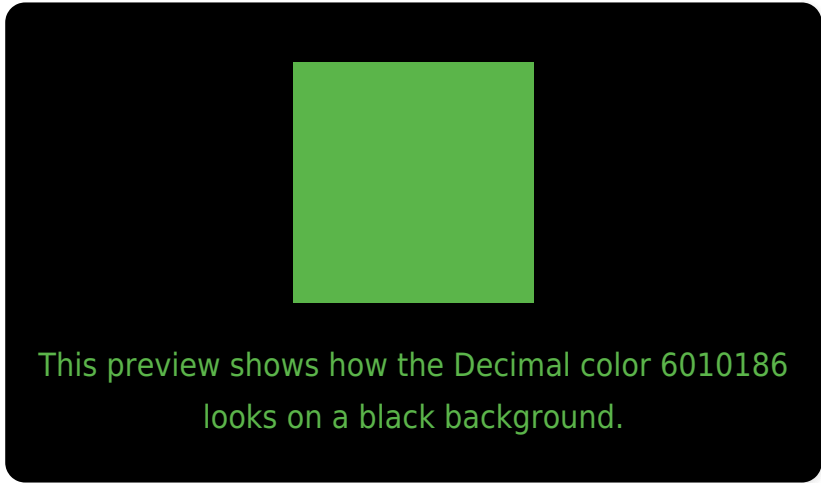
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Decimal 6010186 Background



This preview shows how black text looks on a background with the Decimal color 6010186.

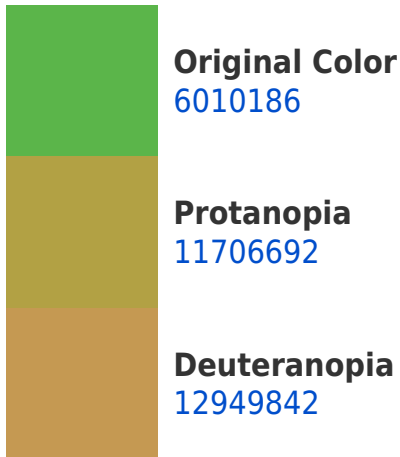



This preview shows how white text looks on a background with the Decimal color 6010186.

# 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](#).

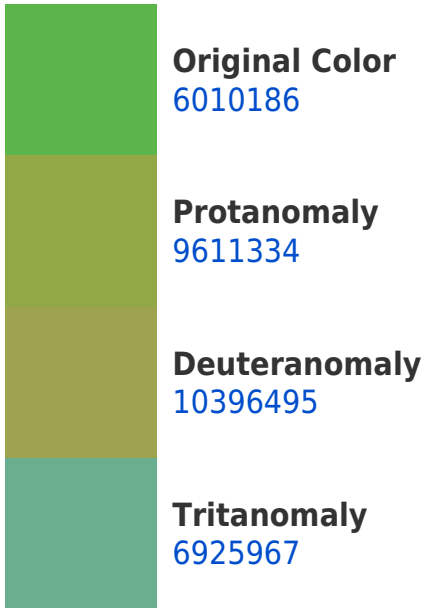
## Dichromacy





**Tritanopia**  
7449271

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6010186 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 #5BB54A looks like.

```
.text, #text, p{  
    color:#5BB54A  
}
```

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 #5BB54A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB54A
}
```

## Border

The CSS property to change the border of an element to Decimal 6010186 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
#5BB54A }
```

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

```
.border{ border-color:#5BB54A }
```

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

Here you see how a box with a 4 pixel #5BB54A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB54A; -webkit-box-shadow:4px 4px  
4px 4px #5BB54A; box-shadow:4px 4px 4px  
4px #5BB54A }
```

# Background

The CSS property to change the background color of an element to Decimal 6010186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB54A }
```

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

```
.background{ background-color:#5BB54A }
```

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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