

# Converting Colors

Decimal(6139496)

Have a look what the booklet for  
Decimal(6139496) contains.

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# **Color**

**Decimal(6139496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DAE68
RGB	93, 174, 104
RGB Percent	36%, 68%, 41%
CMY	0.6353, 0.3176, 0.5922
CMYK	0.47, 0.00, 0.40, 0.32
HSL	128°, 33%, 52%
HSV	128°, 47%, 68%
XYZ	22.1489, 33.5987, 18.4145
YIQ	141.8010, -25.8060, -38.9420

# Conversions

## Conversions Part 2

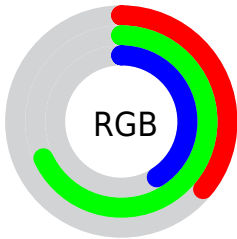
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 164, 174
Decimal	6139496
CIELab	64.64, -39.91, 28.44
CIElCh	65, 49.007, 144.530
Yxy	33.5987, 0.2987, 0.4530
Android (android.graphics.Color)	4284329576 (0xFF5DAE68)
YUV	141.8010, -18.6359, -42.7985
Hunter-Lab	57.9644, -33.2306, 21.7394

# Details

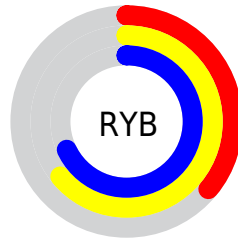
The Decimal color **6139496** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11427235**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9758364**, and **2455864** is the 20% darker color. If you saturate the color by 10%, you get **5025369**, and if you desaturate by 10%, it is **7253623**.

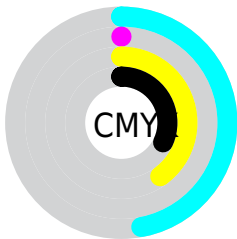
# Distribution



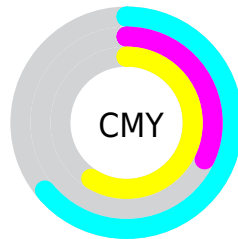
- Red (36%)
- Green (68%)
- Blue (41%)



- Red (36%)
- Yellow (64%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (40%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6139496 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 6139496 by changing the saturation by 10% instead.



 6139496

 6139496

16777215

 4363087

 9758364

 2455864

 11599799

 24352

 13434835

 18185

 15335407

 12288

 6400

 0

 6139496

 6139496

 5025369

 7253623

■ 3845706

■ 8433286

■ 2731579

■ 9547413

■ 1551916

■ 10727076

■ 437789

■ 11841203

■ 44568

■ 12955330

■ 14134993

■ 15249120

■ 16428783

# Harmonies

## Analogous

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



9676105



6139496



45715

# Triad

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



6139496



3056884



15628923

# Complementary

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



6139496



11427235

# 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.



15300775



6139496



9671917

# Square

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



6139496



44771



13337552



14583638

# Rectangle

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



6139496



46001



13337552



15693961



# Sweetspot

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



6139496



12837831



10727005



6255458



15921906



7566195



# Same Dimension

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



6139496



6611829



6139536



5134159



38420



5891



# Inverse Universe

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



11427235



14902482



11427195



5721686



9830530



1507348



# Previews

## White Background



This preview shows how the Decimal color 6139496 looks on a white background.

## Color Contrast Check

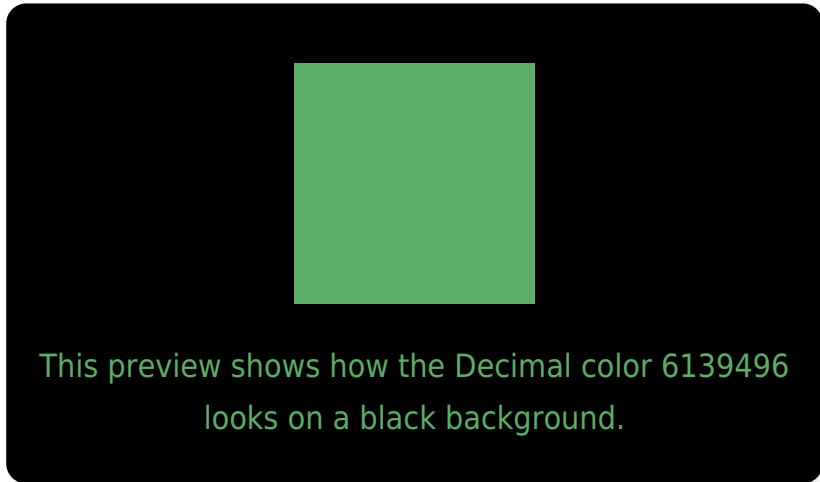
Large Text (above 18pt) WCAG AA × Fail

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 6139496 Background



This preview shows how black text looks on a background with the Decimal color 6139496.

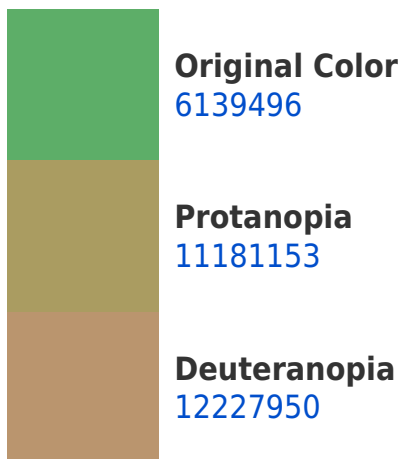


This preview shows how white text looks on a background with the Decimal color 6139496.

# 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](#).

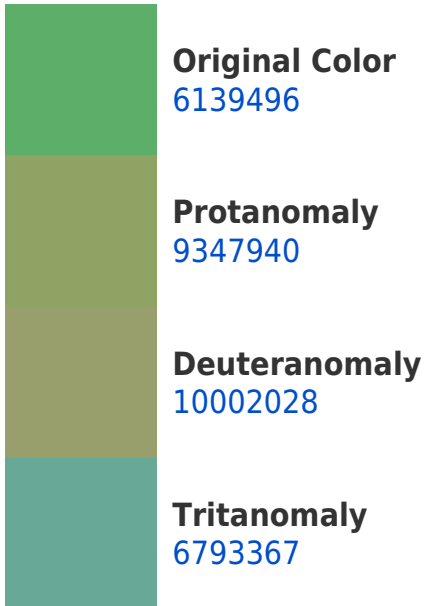
## Dichromacy





**Tritanopia**  
7185842

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6139496 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 #5DAE68 looks like.

```
.text, #text, p{  
    color:#5DAE68  
}
```

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 #5DAE68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAE68
}
```

## Border

The CSS property to change the border of an element to Decimal 6139496 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
#5DAE68 }
```

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

```
.border{ border-color:#5DAE68 }
```

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

Here you see how a box with a 4 pixel #5DAE68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAE68; -webkit-box-shadow:4px 4px  
4px 4px #5DAE68; box-shadow:4px 4px 4px  
4px #5DAE68 }
```

# Background

The CSS property to change the background color of an element to Decimal 6139496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAE68 }
```

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

```
.background{ background-color:#5DAE68 }
```

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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