

Converting Colors

Decimal(6139997)

Have a look what the booklet for
Decimal(6139997) contains.

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Color

Decimal(6139997)

Conversions

Conversions Part 1

Format	Color
Hex	5DB05D
RGB	93, 176, 93
RGB Percent	36%, 69%, 36%
CMY	0.6353, 0.3098, 0.6353
CMYK	0.47, 0.00, 0.47, 0.31
HSL	120°, 34%, 53%
HSV	120°, 47%, 69%
XYZ	22.0153, 34.1681, 15.7907
YIQ	141.7210, -22.8250, -43.4090

Conversions

Conversions Part 2

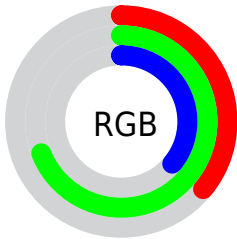
Format	Color
RYB	93, 176, 176
Decimal	6139997
CIELab	65.10, -42.48, 34.74
CIElCh	65, 54.882, 140.725
Yxy	34.1681, 0.3059, 0.4747
Android (android.graphics.Color)	4284330077 (0xFF5DB05D)
YUV	141.7210, -24.0195, -42.7283
Hunter-Lab	58.4535, -35.0653, 24.9008

Details

The Decimal color **6139997** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11558320**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9758865**, and **2325292** is the 20% darker color. If you saturate the color by 10%, you get **4960331**, and if you desaturate by 10%, it is **7319663**.

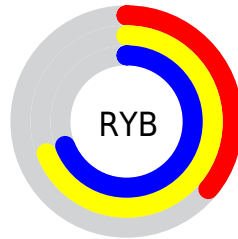
Distribution



Red (36%)

Green (69%)

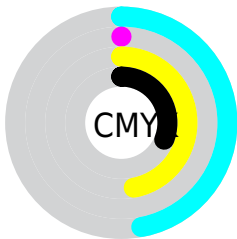
Blue (36%)



Red (36%)

Yellow (69%)

Blue (69%)

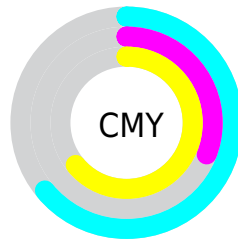


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6139997 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 6139997 by changing the saturation by 10% instead.

 6139997

 6139997

16777215

 4298052

 9758865

 2325292

 11599788

 24852

 13500359

 18432

 15400932

 12544

 6656

 0

 6139997

 6139997

 4960331

 7319663

■ 3846202

■ 8433792

■ 2666536

■ 9613458

■ 1552407

■ 10727587

■ 372741

■ 11907253

■ 45056

■ 13086919

■ 14201048

■ 15380714

■ 16494843

Harmonies

Analogous

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



10004028



6139997



46477

Triad

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



6139997



43263



16348286

Complementary

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



6139997



11558320

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.



15758511



6139997



8820730

Square

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



6139997



45801



13337565



15237971

Rectangle

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



6139997



46767



13337565



16347790

Sweetspot

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



6139997



12969669



11579485



6255455



15921906



7566195

Same Dimension

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



6139997



6547043



6140039



5265744



39168



6656

Inverse Universe

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



11558320



15098854



11558279



5853273



10027161



1703962

Previews

White Background



This preview shows how the Decimal color 6139997 looks on a white background.

Color Contrast Check

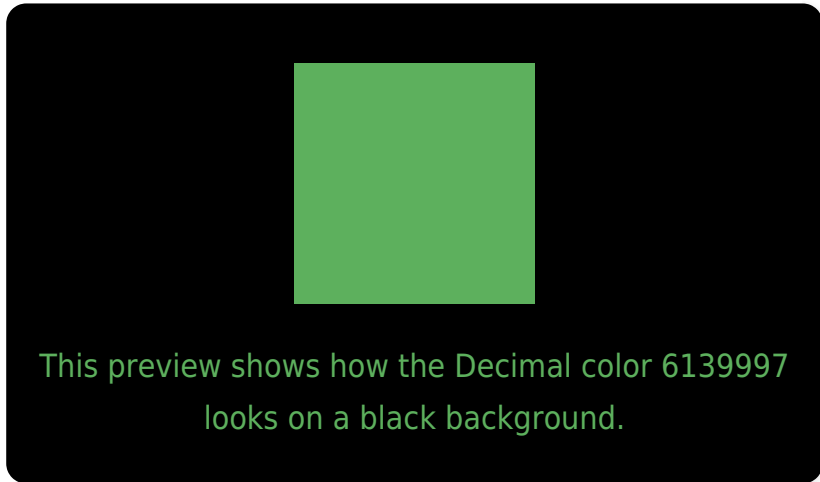
Large Text (above 18pt) WCAG AA × Fail

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 6139997 Background



This preview shows how black text looks on a background with the Decimal color 6139997.



This preview shows how white text looks on a background with the Decimal color 6139997.

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
6139997

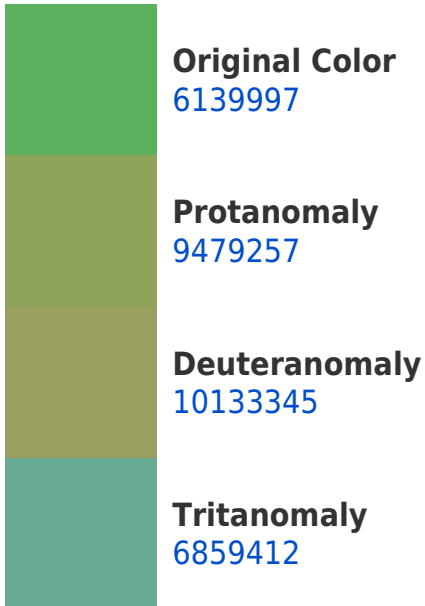
Protanopia
11378006

Deuteranopia
12424803

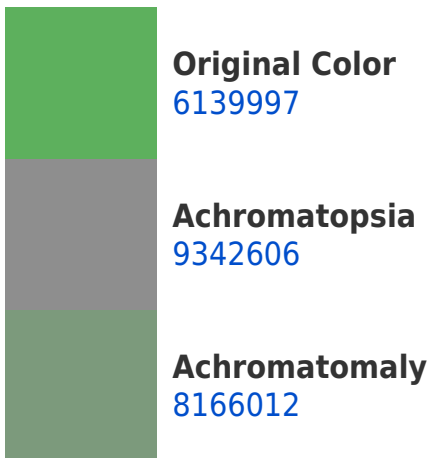


Tritanopia
7317172

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6139997 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 #5DB05D looks like.

```
.text, #text, p{  
    color:#5DB05D  
}
```

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 #5DB05D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB05D
}
```

Border

The CSS property to change the border of an element to Decimal 6139997 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
#5DB05D }
```

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

```
.border{ border-color:#5DB05D }
```

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

Here you see how a box with a 4 pixel #5DB05D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB05D; -webkit-box-shadow:4px 4px  
4px 4px #5DB05D; box-shadow:4px 4px 4px  
4px #5DB05D }
```

Background

The CSS property to change the background color of an element to Decimal 6139997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB05D }
```

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

```
.background{ background-color:#5DB05D }
```

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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