

Converting Colors

Decimal(6139648)

Have a look what the booklet for
Decimal(6139648) contains.

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Color

Decimal(6139648)

Conversions

Conversions Part 1

Format	Color
Hex	5DAF00
RGB	93, 175, 0
RGB Percent	36%, 69%, 0%
CMY	0.6353, 0.3137, 1.0000
CMYK	0.47, 0.00, 1.00, 0.31
HSL	88°, 100%, 34%
HSV	88°, 100%, 69%
XYZ	19.8442, 32.9871, 5.3213
YIQ	130.5320, 7.3030, -71.8090

Conversions

Conversions Part 2

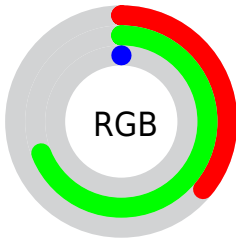
Format	Color
RYB	0, 175, 82
Decimal	6139648
CIELab	64.15, -48.86, 65.07
CIELCh	64, 81.368, 126.900
Yxy	32.9871, 0.3412, 0.5673
Android (android.graphics.Color)	4284329728 (0xFF5DAF00)
YUV	130.5320, -64.3523, -32.9156
Hunter-Lab	57.4344, -38.8366, 34.7109

Details

The Decimal color **6139648** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5374127**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **9955148**, and **1866240** is the 20% darker color. If you saturate the color by 10%, you get **6139648**, and if you desaturate by 10%, it is **6663953**.

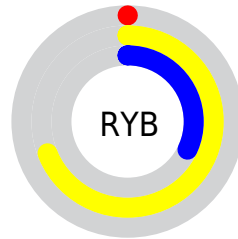
Distribution



Red (36%)

Green (69%)

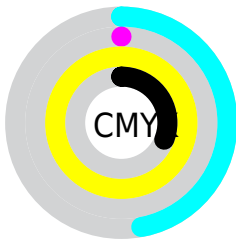
Blue (0%)



Red (0%)

Yellow (69%)

Blue (32%)

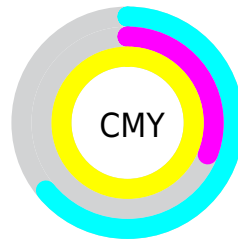


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (64%)





Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6139648 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 6139648 by changing the saturation by 10% instead.

 6139648	 6139648
 16777215	 4166656
 9955148	 1866240
 11861864	 24576
 13762436	 18176
 15728544	 12288
 16777148	 5888
 16777177	 0
 16777207	
 6139648	

■ 6663953

■ 7188259

■ 7778101

■ 8302406

■ 8826712

■ 9351017

■ 9875322

■ 10465164

■ 10989470

Harmonies

Analogous

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



11312640



6139648



47199

Triad

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



6139648



45823



16729486

Complementary

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



6139648



5374127

Split Complementary

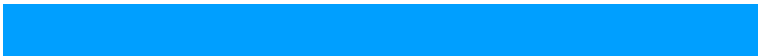
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16669142



6139648



40959

Square

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



6139648



47857



11567359



16735816

Rectangle

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



6139648



48017



11567359



16730022

Sweetspot

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



6139648



12837791



11489792



6255433



15921906



7566195

Same Dimension

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



6139648



7987968



438016



5461838



5281280



792320

Inverse Universe

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



5374127



6947043



11075759



5394007



4587670



720919

Previews

White Background



This preview shows how the Decimal color 6139648 looks on a white background.

Color Contrast Check

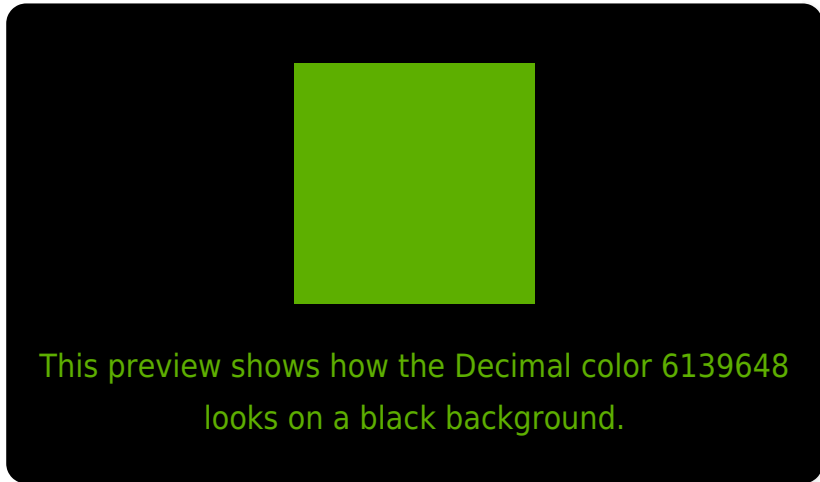
Large Text (above 18pt) WCAG AA × Fail

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 6139648 Background



This preview shows how black text looks on a background with the Decimal color 6139648.

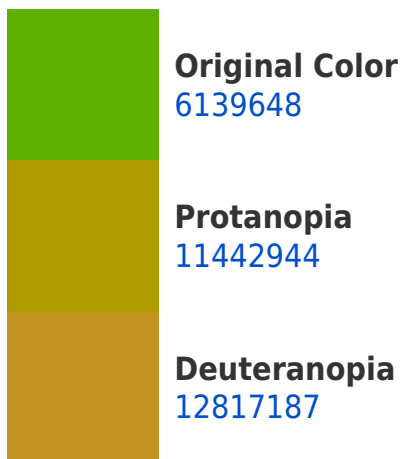


This preview shows how white text looks on a background with the Decimal color 6139648.

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
7578544

Trichromacy



Original Color
6139648



Protanomaly
9544192



Deuteranomaly
10394902



Tritanomaly
7055216

Monochromacy



Original Color
6139648



Achromatopsia
8618883



Achromatomaly
7705427

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6139648 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 #5DAF00 looks like.

```
.text, #text, p{  
    color:#5DAF00  
}
```

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 #5DAF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAF00
}
```

Border

The CSS property to change the border of an element to Decimal 6139648 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
#5DAF00 }
```

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

```
.border{ border-color:#5DAF00 }
```

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

Here you see how a box with a 4 pixel #5DAF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAF00; -webkit-box-shadow:4px 4px  
4px 4px #5DAF00; box-shadow:4px 4px 4px  
4px #5DAF00 }
```

Background

The CSS property to change the background color of an element to Decimal 6139648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAF00 }
```

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

```
.background{ background-color:#5DAF00 }
```

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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