

Converting Colors

Decimal(5949240)

Have a look what the booklet for
Decimal(5949240) contains.

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Color

Decimal(5949240)

Conversions

Conversions Part 1

Format	Color
Hex	5AC738
RGB	90, 199, 56
RGB Percent	35%, 78%, 22%
CMY	0.6471, 0.2196, 0.7804
CMYK	0.55, 0.00, 0.72, 0.22
HSL	106°, 56%, 50%
HSV	106°, 72%, 78%
XYZ	25.3537, 43.3060, 10.7640
YIQ	150.1070, -19.0610, -67.5810

Conversions

Conversions Part 2

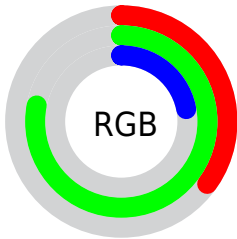
Format	Color
RYB	56, 199, 165
Decimal	5949240
CIELab	71.76, -56.42, 58.84
CIELCh	72, 81.519, 133.800
Yxy	43.3060, 0.3192, 0.5453
Android (android.graphics.Color)	4284139320 (0xFF5AC738)
YUV	150.1070, -46.3948, -52.7138
Hunter-Lab	65.8073, -46.3918, 36.3671

Details

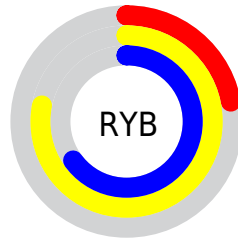
The Decimal color **5949240** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **10827975**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9895791**, and **626688** is the 20% darker color. If you saturate the color by 10%, you get **4966180**, and if you desaturate by 10%, it is **6932300**.

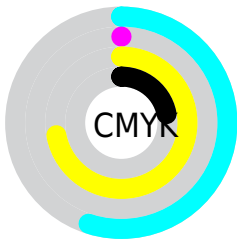
Distribution



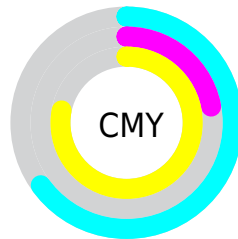
- Red (35%)
- Green (78%)
- Blue (22%)



- Red (22%)
- Yellow (78%)
- Blue (65%)



- Cyan (55%)
- Magenta (0%)
- Yellow (72%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5949240 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 5949240 by changing the saturation by 10% instead.

 5949240

 5949240

16777215

 3844888

 9895791

 626688

 11796363

 29952


 13762471

 23552

 15728579

 17152

 16777184

 11520

16777213

 3072

 0

 5949240

 5949240

■ 4966180

■ 6932300

■ 3983120

■ 7915360

■ 3131136

■ 8963956

■ 9947016

■ 10930076

■ 11913135

■ 12896195

■ 13879255

■ 14927851

Harmonies

Analogous

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



11712256



5949240



53123

Triad

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



5949240



50431



16736657

Complementary

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



5949240



10827975

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.



16738779



5949240



4369919

Square

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



5949240



53247



14584831



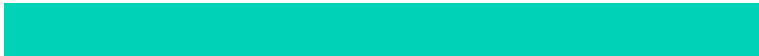
16743499

Rectangle

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



5949240



53944



14584831



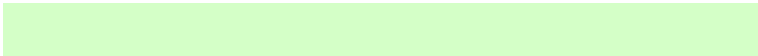
16736170

Sweetspot

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



5949240



13959111



13083448



6717534



0



8421504

Same Dimension

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



5949240



5832484



3721052



6054746



2597632



533504

Inverse Universe

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



10827975



13313279



13056163



6380131



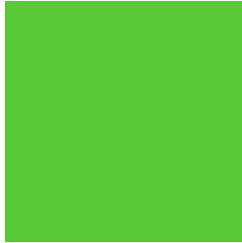
8126627



1769508

Previews

White Background



This preview shows how the Decimal color 5949240 looks on a white background.

Color Contrast Check

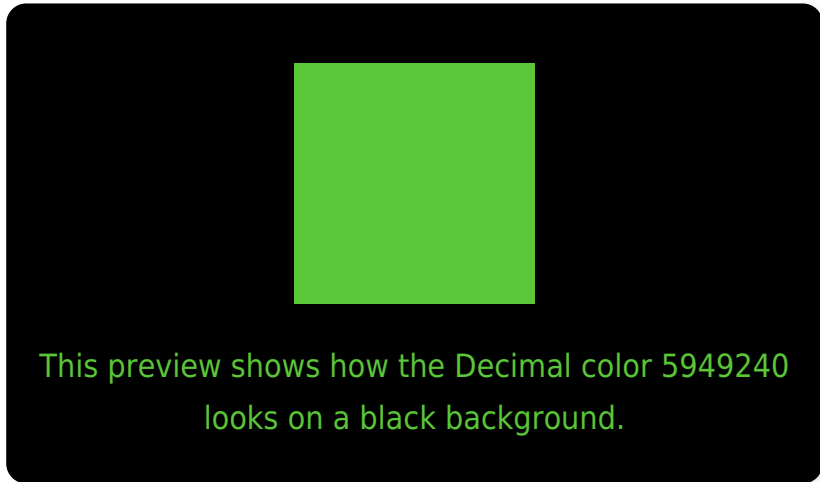
Large Text (above 18pt) WCAG AA × Fail

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

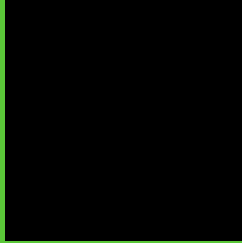
Any Text WCAG AA ✓ Pass

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 5949240 Background



This preview shows how black text looks on a background with the Decimal color 5949240.

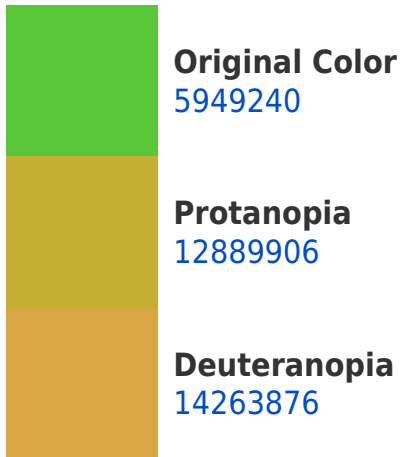


This preview shows how white text looks on a background with the Decimal color 5949240.

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



Trichromacy



Original Color

5949240



Protanomaly

10336308



Deuteranomaly

11252288



Tritanomaly

7126932

Monochromacy



Original Color

5949240



Achromatopsia

9868950



Achromatomaly

8431732

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5949240 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 #5AC738 looks like.

```
.text, #text, p{  
    color:#5AC738  
}
```

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 #5AC738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC738
}
```

Border

The CSS property to change the border of an element to Decimal 5949240 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
#5AC738 }
```

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

```
.border{ border-color:#5AC738 }
```

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

Here you see how a box with a 4 pixel #5AC738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC738; -webkit-box-shadow:4px 4px  
4px 4px #5AC738; box-shadow:4px 4px 4px  
4px #5AC738 }
```

Background

The CSS property to change the background color of an element to Decimal 5949240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC738 }
```

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

```
.background{ background-color:#5AC738 }
```

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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