

Converting Colors

Decimal(6148142)

Have a look what the booklet for
Decimal(6148142) contains.

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Color

Decimal(6148142)

Conversions

Conversions Part 1

Format	Color
Hex	5DD02E
RGB	93, 208, 46
RGB Percent	36%, 82%, 18%
CMY	0.6353, 0.1843, 0.8196
CMYK	0.55, 0.00, 0.78, 0.18
HSL	103°, 64%, 50%
HSV	103°, 78%, 82%
XYZ	27.5632, 47.6362, 10.3267
YIQ	155.1470, -16.5380, -74.7620

Conversions

Conversions Part 2

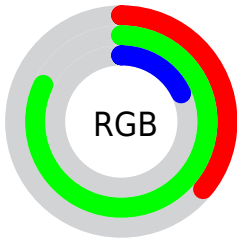
Format	Color
RYB	46, 208, 161
Decimal	6148142
CIELab	74.59, -59.54, 64.99
CIELCh	75, 88.142, 132.495
Yxy	47.6362, 0.3223, 0.5570
Android (android.graphics.Color)	4284338222 (0xFF5DD02E)
YUV	155.1470, -53.8095, -54.5029
Hunter-Lab	69.0190, -49.4979, 39.4422

Details

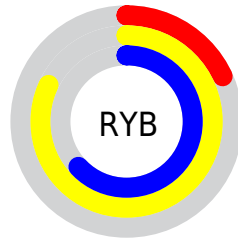
The Decimal color **6148142** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed green. A complement of this color would be **10563280**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **10157928**, and **563200** is the 20% darker color. If you saturate the color by 10%, you get **5165081**, and if you desaturate by 10%, it is **7131203**.

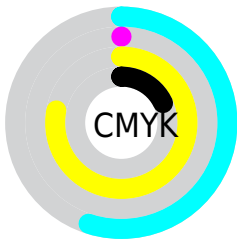
Distribution



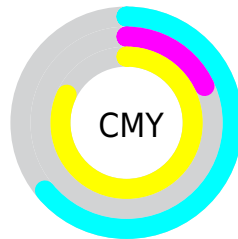
- Red (36%)
- Green (82%)
- Blue (18%)



- Red (18%)
- Yellow (82%)
- Blue (63%)



- Cyan (55%)
- Magenta (0%)
- Yellow (78%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6148142 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 6148142 by changing the saturation by 10% instead.



6148142



6148142

16777215



3978240



10157928



563200



12124036



32256



14090145



25600



16056253



18944



16777178



13056



16777208



6400



0



6148142



6148142

■ 5165081

■ 7131203

■ 4182020

■ 8114264

■ 3985408

■ 9031788

■ 10014849

■ 10997910

■ 11980971

■ 12898496

■ 13881556

■ 14864617

Harmonies

Analogous

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



12435200



6148142



55683

Triad

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



6148142



52991



16735897

Complementary

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



6148142



10563280

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.



16738794



6148142



46847

Square

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



6148142



55807



14979583



16743500

Rectangle

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



6148142



56508



14979583



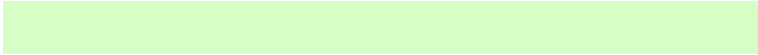
16735412

Sweetspot

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



6148142



14024644



13672238



6717532



0



8421504

Same Dimension

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



6148142



5766930



3067982



6383966



3254272



796928

Inverse Universe

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



10563280



12194559



13643440



6708841



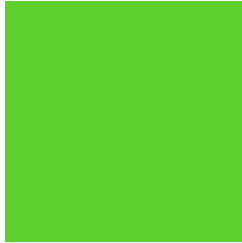
7798952



1900585

Previews

White Background



This preview shows how the Decimal color 6148142 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



This preview shows how the Decimal color 6148142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

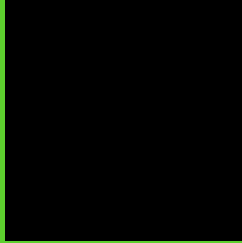
Any Text WCAG AA ✓ Pass

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 6148142 Background



This preview shows how black text looks on a background with the Decimal color 6148142.

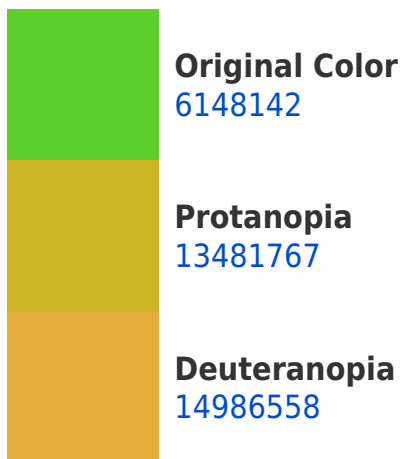


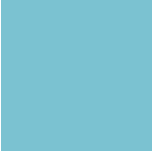
This preview shows how white text looks on a background with the Decimal color 6148142.

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
8110801

Trichromacy



Original Color

6148142



Protanomaly

10797098



Deuteranomaly

11778616



Tritanomaly

7391126

Monochromacy



Original Color

6148142



Achromatopsia

10197915



Achromatomaly

8695411

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6148142 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 #5DD02E looks like.

```
.text, #text, p{  
    color:#5DD02E  
}
```

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 #5DD02E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD02E
}
```

Border

The CSS property to change the border of an element to Decimal 6148142 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
#5DD02E }
```

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

```
.border{ border-color:#5DD02E }
```

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

Here you see how a box with a 4 pixel #5DD02E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD02E; -webkit-box-shadow:4px 4px  
4px 4px #5DD02E; box-shadow:4px 4px 4px  
4px #5DD02E }
```

Background

The CSS property to change the background color of an element to Decimal 6148142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD02E }
```

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

```
.background{ background-color:#5DD02E }
```

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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