

Converting Colors

Decimal(6209612)

Have a look what the booklet for
Decimal(6209612) contains.

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Color

Decimal(6209612)

Conversions

Conversions Part 1

Format	Color
Hex	5EC04C
RGB	94, 192, 76
RGB Percent	37%, 75%, 30%
CMY	0.6314, 0.2471, 0.7020
CMYK	0.51, 0.00, 0.60, 0.25
HSL	111°, 48%, 53%
HSV	111°, 60%, 75%
XYZ	24.7702, 40.6008, 13.3687
YIQ	149.4740, -21.1720, -56.8520

Conversions

Conversions Part 2

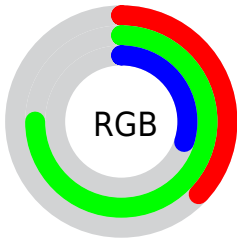
Format	Color
RYB	76, 192, 174
Decimal	6209612
CIELab	69.90, -50.86, 48.69
CIELCh	70, 70.412, 136.250
Yxy	40.6008, 0.3146, 0.5156
Android (android.graphics.Color)	4284399692 (0xFF5EC04C)
YUV	149.4740, -36.2227, -48.6507
Hunter-Lab	63.7187, -42.1171, 32.1636

Details

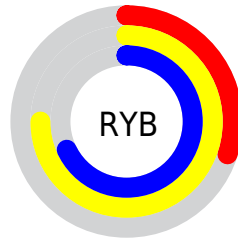
The Decimal color **6209612** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **11422912**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9959809**, and **1935637** is the 20% darker color. If you saturate the color by 10%, you get **5161017**, and if you desaturate by 10%, it is **7258207**.

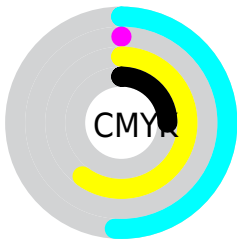
Distribution



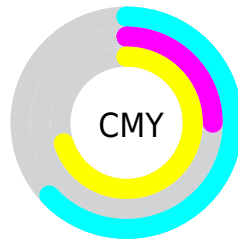
- Red (37%)
- Green (75%)
- Blue (30%)



- Red (30%)
- Yellow (75%)
- Blue (68%)



- Cyan (51%)
- Magenta (0%)
- Yellow (60%)
- Black (25%)



- Cyan (63%)
- Magenta (25%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6209612 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 6209612 by changing the saturation by 10% instead.

■ 6209612

■ 6209612

16777215

■ 4236338

■ 9959809

■ 1935637

■ 11861916

■ 28416

■ 13828023

■ 22016

■ 15728596

■ 15616

■ 16777201

■ 10240

■ 0

■ 6209612

■ 6209612

■ 5161017

■ 7258207

■ 4112422

■ 8306802

■ 2998290

■ 9420934

■ 2015232

■ 10469529

■ 11518124

■ 12566719

■ 13680850

■ 14729446

■ 15778041

Harmonies

Analogous

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



11186714



6209612



51082

Triad

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



6209612



47871



16739979

Complementary

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



6209612



11422912

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.



16740811



6209612



7251711

Square

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



6209612



50687



14322431



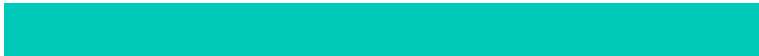
16745296

Rectangle

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



6209612



51639



14322431



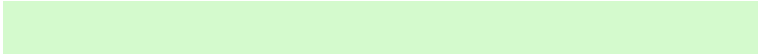
16739488

Sweetspot

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



6209612



13957837



12627276



6716769



16579836



8224125

Same Dimension

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



6209612



6355523



5030003



5857623



1679616



336128

Inverse Universe

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



11422912



14566394



12602521



6248289



8913057



1835041

Previews

White Background



This preview shows how the Decimal color 6209612 looks on a white background.

Color Contrast Check

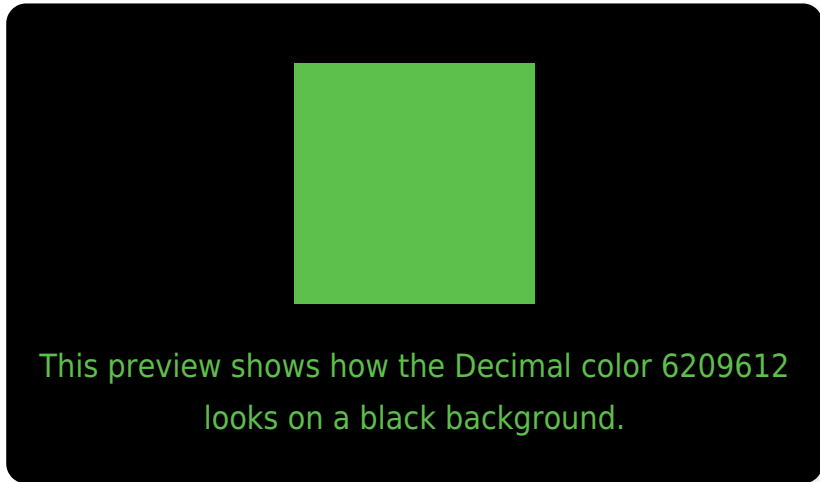
Large Text (above 18pt) WCAG AA × Fail

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 6209612 Background



This preview shows how black text looks on a background with the Decimal color 6209612.



This preview shows how white text looks on a background with the Decimal color 6209612.

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
7779522

Trichromacy



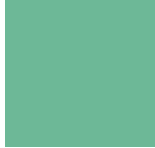
Original Color
6209612



Protanomaly
10138184



Deuteranomaly
10988882



Tritanomaly
7190679

Monochromacy



Original Color
6209612



Achromatopsia
9803157



Achromatomaly
8496506

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6209612 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 #5EC04C looks like.

```
.text, #text, p{  
    color:#5EC04C  
}
```

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 #5EC04C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC04C
}
```

Border

The CSS property to change the border of an element to Decimal 6209612 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
#5EC04C }
```

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

```
.border{ border-color:#5EC04C }
```

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

Here you see how a box with a 4 pixel #5EC04C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC04C; -webkit-box-shadow:4px 4px  
4px 4px #5EC04C; box-shadow:4px 4px 4px  
4px #5EC04C }
```

Background

The CSS property to change the background color of an element to Decimal 6209612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC04C }
```

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

```
.background{ background-color:#5EC04C }
```

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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