

Converting Colors

Decimal(6013260)

Have a look what the booklet for
Decimal(6013260) contains.

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Color

Decimal(6013260)

Conversions

Conversions Part 1

Format	Color
Hex	5BC14C
RGB	91, 193, 76
RGB Percent	36%, 76%, 30%
CMY	0.6431, 0.2431, 0.7020
CMYK	0.53, 0.00, 0.61, 0.24
HSL	112°, 49%, 53%
HSV	112°, 61%, 76%
XYZ	24.6889, 40.8859, 13.4280
YIQ	149.1640, -23.2350, -58.0110

Conversions

Conversions Part 2

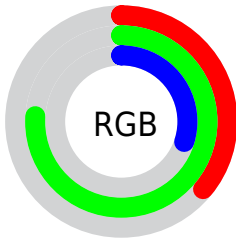
Format	Color
RYB	76, 193, 178
Decimal	6013260
CIELab	70.10, -52.08, 48.89
CIELCh	70, 71.431, 136.809
Yxy	40.8859, 0.3125, 0.5175
Android (android.graphics.Color)	4284203340 (0xFF5BC14C)
YUV	149.1640, -36.0699, -51.0098
Hunter-Lab	63.9421, -42.9775, 32.3084

Details

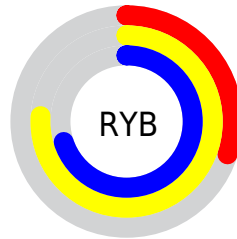
The Decimal color **6013260** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **11685057**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9828993**, and **1477140** is the 20% darker color. If you saturate the color by 10%, you get **4899129**, and if you desaturate by 10%, it is **7127391**.

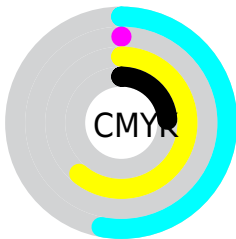
Distribution



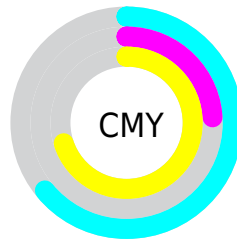
- Red (36%)
- Green (76%)
- Blue (30%)



- Red (30%)
- Yellow (76%)
- Blue (70%)



- Cyan (53%)
- Magenta (0%)
- Yellow (61%)
- Black (24%)



- Cyan (64%)
- Magenta (24%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6013260 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 6013260 by changing the saturation by 10% instead.

 6013260

 6013260

16777215

 3974450

 9828993

 1477140

 11730844

 28672

 13631416

 22272

 15597524

 15872

 16777201

 10240

 256

 0

 6013260

 6013260

■ 4899129

■ 7127391

■ 3784997

■ 8241523

■ 2736402

■ 9290118

■ 1687808

■ 10404249

■ 11518380

■ 12632512

■ 13746643

■ 14860774

■ 15909370

Harmonies

Analogous

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



11121431



6013260



51339

Triad

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



6013260



48127



16739722

Complementary

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



6013260



11685057

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.



16740555



6013260



7382783

Square

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



6013260



50943



14453247



16745294

Rectangle

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



6013260



51897



14453247



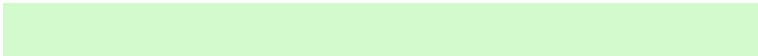
16739231

Sweetspot

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



6013260



13892301



12693836



6651233



16579836



8224125

Same Dimension

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



6013260



6027843



5030263



5792087



1417472



270592

Inverse Universe

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



11685057



14894074



12668054



6313825



9175201



1900577

Previews

White Background



This preview shows how the Decimal color 6013260 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 6013260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

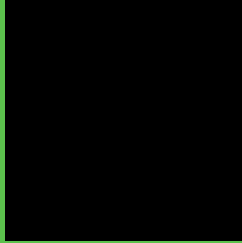
Any Text WCAG AA ✓ Pass

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 6013260 Background



This preview shows how black text looks on a background with the Decimal color 6013260.



This preview shows how white text looks on a background with the Decimal color 6013260.

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](#).

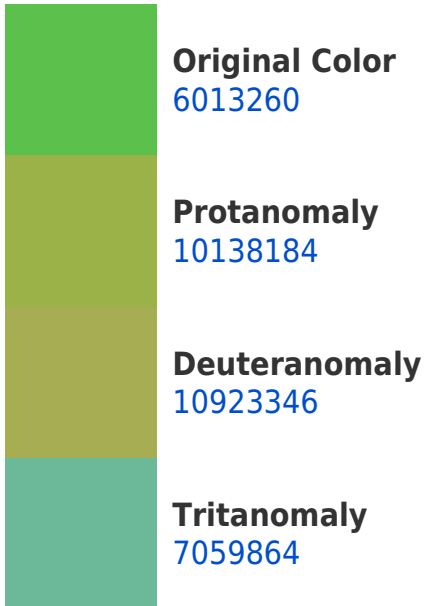
Dichromacy





Tritanopia
7648707

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6013260 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 #5BC14C looks like.

```
.text, #text, p{  
    color:#5BC14C  
}
```

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 #5BC14C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC14C
}
```

Border

The CSS property to change the border of an element to Decimal 6013260 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
#5BC14C }
```

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

```
.border{ border-color:#5BC14C }
```

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

Here you see how a box with a 4 pixel #5BC14C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC14C; -webkit-box-shadow:4px 4px  
4px 4px #5BC14C; box-shadow:4px 4px 4px  
4px #5BC14C }
```

Background

The CSS property to change the background color of an element to Decimal 6013260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC14C }
```

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

```
.background{ background-color:#5BC14C }
```

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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