

Converting Colors

Decimal(6140672)

Have a look what the booklet for
Decimal(6140672) contains.

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Color

Decimal(6140672)

Conversions

Conversions Part 1

Format	Color
Hex	5DB300
RGB	93, 179, 0
RGB Percent	36%, 70%, 0%
CMY	0.6353, 0.2980, 1.0000
CMYK	0.48, 0.00, 1.00, 0.30
HSL	89°, 100%, 35%
HSV	89°, 100%, 70%
XYZ	20.6343, 34.5674, 5.5846
YIQ	132.8800, 6.2030, -73.9010

Conversions

Conversions Part 2

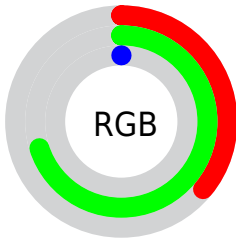
Format	Color
RYB	0, 179, 86
Decimal	6140672
CIELab	65.41, -50.40, 66.05
CIELCh	65, 83.086, 127.344
Yxy	34.5674, 0.3395, 0.5687
Android (android.graphics.Color)	4284330752 (0xFF5DB300)
YUV	132.8800, -65.5098, -34.9748
Hunter-Lab	58.7940, -40.2433, 35.5241

Details

The Decimal color **6140672** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5636275**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **9956173**, and **1735936** is the 20% darker color. If you saturate the color by 10%, you get **6140672**, and if you desaturate by 10%, it is **6730514**.

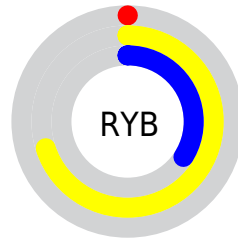
Distribution



Red (36%)

Green (70%)

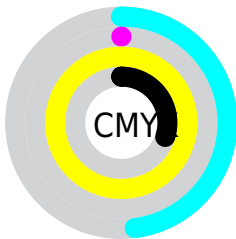
Blue (0%)



Red (0%)

Yellow (70%)

Blue (34%)

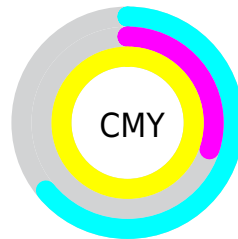


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (64%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6140672 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 6140672 by changing the saturation by 10% instead.

 6140672

 6140672

16777215

 4167680

 9956173

 1735936

 11861865

 25600

 13827973

 19200

 15794081

 13056

 16777150

 6912

 16777179

 0

 16777208

 6140672

■ 6730514

■ 7254820

■ 7844662

■ 8368968

■ 8958810

■ 9548651

■ 10072957

■ 10662799

■ 11187105

Harmonies

Analogous

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



11510272



6140672



48226

Triad

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



6140672



46847



16729744

Complementary

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



6140672



5636275

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.



16734938



6140672



41727

Square

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



6140672



48888



11895551



16736584

Rectangle

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



6140672



49046



11895551



16730025

Sweetspot

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



6140672



13101218



11752448



6387019



16119285



7697781

Same Dimension

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



6140672



7989248



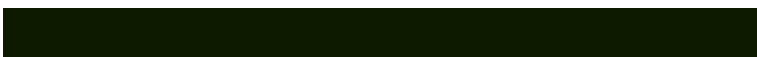
439040



5593424



5216512



858624

Inverse Universe

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



5636275



7274728



11337907



5591129



4849817



786458

Previews

White Background



This preview shows how the Decimal color 6140672 looks on a white background.

Color Contrast Check

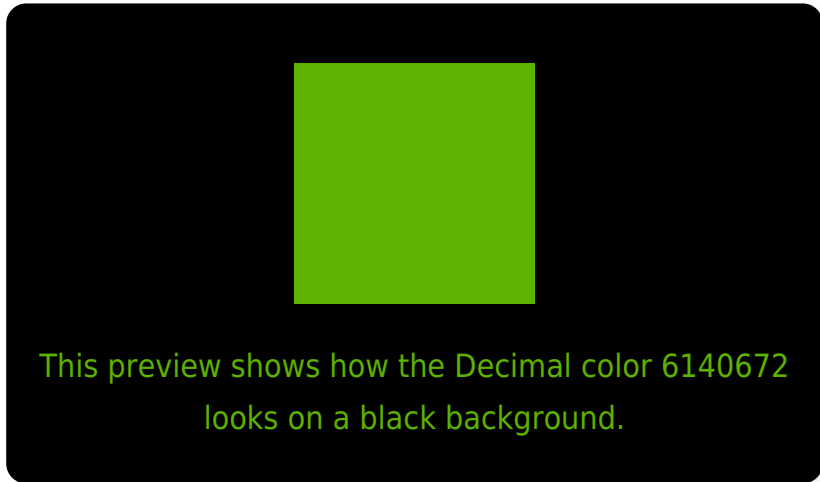
Large Text (above 18pt) WCAG AA × Fail

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 6140672 Background



This preview shows how black text looks on a background with the Decimal color 6140672.

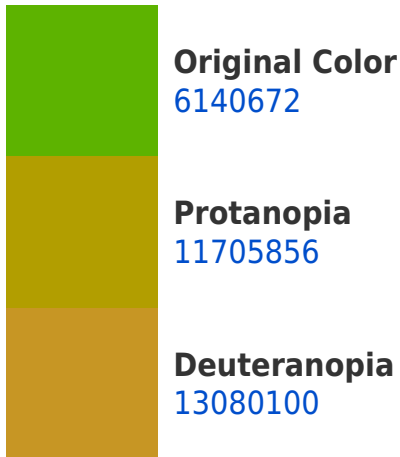


This preview shows how white text looks on a background with the Decimal color 6140672.

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

6140672



Protanomaly

9676288



Deuteranomaly

10526999



Tritanomaly

7121779

Monochromacy



Original Color

6140672



Achromatopsia

8750469



Achromatomaly

7771733

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6140672 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 #5DB300 looks like.

```
.text, #text, p{  
    color:#5DB300  
}
```

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 #5DB300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB300
}
```

Border

The CSS property to change the border of an element to Decimal 6140672 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
#5DB300 }
```

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

```
.border{ border-color:#5DB300 }
```

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

Here you see how a box with a 4 pixel #5DB300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB300; -webkit-box-shadow:4px 4px  
4px 4px #5DB300; box-shadow:4px 4px 4px  
4px #5DB300 }
```

Background

The CSS property to change the background color of an element to Decimal 6140672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB300 }
```

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

```
.background{ background-color:#5DB300 }
```

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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