

Converting Colors

Decimal(6141957)

Have a look what the booklet for
Decimal(6141957) contains.

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Color

Decimal(6141957)

Conversions

Conversions Part 1

Format	Color
Hex	5DB805
RGB	93, 184, 5
RGB Percent	36%, 72%, 2%
CMY	0.6353, 0.2784, 0.9804
CMYK	0.49, 0.00, 0.97, 0.28
HSL	91°, 95%, 37%
HSV	91°, 97%, 72%
XYZ	21.6821, 36.6191, 6.0690
YIQ	136.3850, 3.2230, -74.9610

Conversions

Conversions Part 2

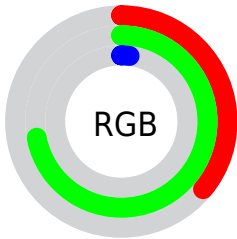
Format	Color
RYB	5, 184, 96
Decimal	6141957
CIELab	66.99, -52.21, 66.69
CIELCh	67, 84.694, 128.056
Yxy	36.6191, 0.3368, 0.5689
Android (android.graphics.Color)	4284332037 (0xFF5DB805)
YUV	136.3850, -64.7728, -38.0486
Hunter-Lab	60.5137, -41.9424, 36.4133

Details

The Decimal color **6141957** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6292920**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **10023247**, and **1540608** is the 20% darker color. If you saturate the color by 10%, you get **5945344**, and if you desaturate by 10%, it is **6731799**.

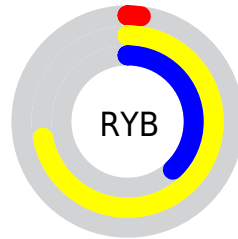
Distribution



Red (36%)

Green (72%)

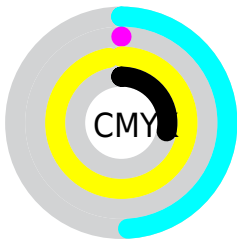
Blue (2%)



Red (2%)

Yellow (72%)

Blue (38%)

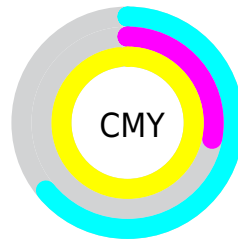


Cyan (49%)

Magenta (0%)

Yellow (97%)

Black (28%)



Cyan (64%)

Magenta (28%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6141957 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 6141957 by changing the saturation by 10% instead.

 6141957

 6141957

16777215

 4103424

 10023247

 1540608

 11927404

 26624

 13893512

 20224

 15859620

 14080

 16777153

 8192

 16777182

 0

 16777211

 6141957

 6141957

■ 5945344

■ 6731799

■ 7387178

■ 7977020

■ 8566863

■ 9222241

■ 9812083

■ 10401926

■ 11057304

■ 11647147

Harmonies

Analogous

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



11642368



6141957



49510

Triad

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



6141957



47871



16730258

Complementary

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



6141957



6292920

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.



16735198



6141957



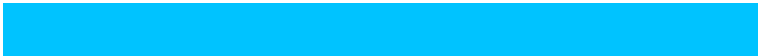
42751

Square

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



6141957



50175



12420351



16737352

Rectangle

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



6141957



50332



12420351



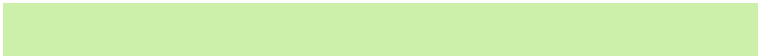
16730539

Sweetspot

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



6141957



13430954



12082949



6518862



16250871



7895160

Same Dimension

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



6141957



7794688



374789



5725267



5020672



924672

Inverse Universe

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



6292920



7995632



12060088



5722972



5177500



917532

Previews

White Background



This preview shows how the Decimal color 6141957 looks on a white background.

Color Contrast Check

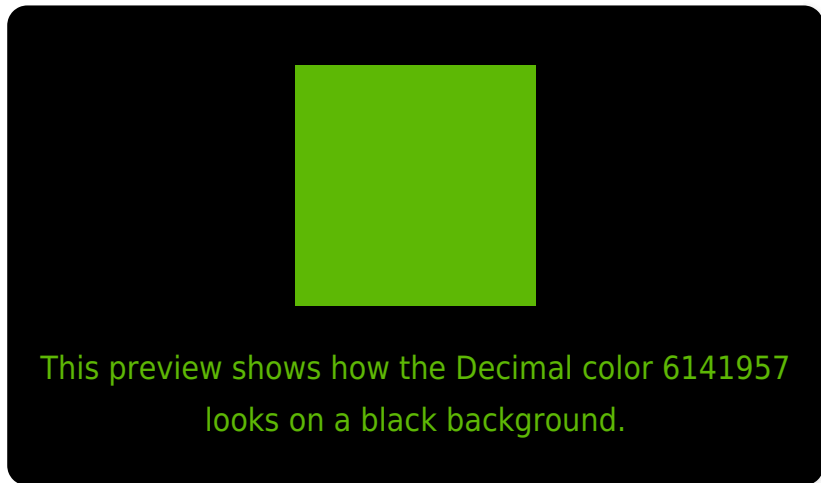
Large Text (above 18pt) WCAG AA × Fail

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 6141957 Background



This preview shows how black text looks on a background with the Decimal color 6141957.



This preview shows how white text looks on a background with the Decimal color 6141957.

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
7711673

Trichromacy



Original Color

6141957



Protanomaly

9873922



Deuteranomaly

10790170



Tritanomaly

7123064

Monochromacy



Original Color

6141957



Achromatopsia

8947848



Achromatomaly

7903576

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6141957 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 #5DB805 looks like.

```
.text, #text, p{  
    color:#5DB805  
}
```

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 #5DB805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB805
}
```

Border

The CSS property to change the border of an element to Decimal 6141957 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
#5DB805 }
```

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

```
.border{ border-color:#5DB805 }
```

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

Here you see how a box with a 4 pixel #5DB805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB805; -webkit-box-shadow:4px 4px  
4px 4px #5DB805; box-shadow:4px 4px 4px  
4px #5DB805 }
```

Background

The CSS property to change the background color of an element to Decimal 6141957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB805 }
```

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

```
.background{ background-color:#5DB805 }
```

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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