

Converting Colors

Decimal(6136875)

Have a look what the booklet for
Decimal(6136875) contains.

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Color

Decimal(6136875)

Conversions

Conversions Part 1

Format	Color
Hex	5DA42B
RGB	93, 164, 43
RGB Percent	36%, 64%, 17%
CMY	0.6353, 0.3569, 0.8314
CMYK	0.43, 0.00, 0.74, 0.36
HSL	95°, 58%, 41%
HSV	95°, 74%, 64%
XYZ	18.2257, 29.0525, 6.9326
YIQ	128.9770, -3.4750, -52.6830

Conversions

Conversions Part 2

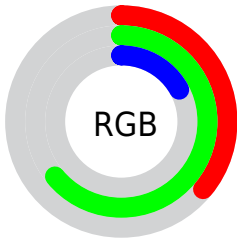
Format	Color
RYB	43, 164, 114
Decimal	6136875
CIELab	60.83, -42.83, 52.60
CIElCh	61, 67.830, 129.153
Yxy	29.0525, 0.3362, 0.5359
Android (android.graphics.Color)	4284326955 (0xFF5DA42B)
YUV	128.9770, -42.3867, -31.5518
Hunter-Lab	53.9004, -33.9682, 30.1044

Details

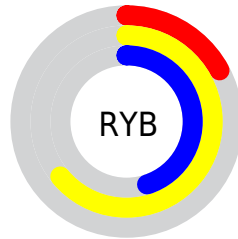
The Decimal color **6136875** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7482276**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **9821281**, and **2256640** is the 20% darker color. If you saturate the color by 10%, you get **5481499**, and if you desaturate by 10%, it is **6792251**.

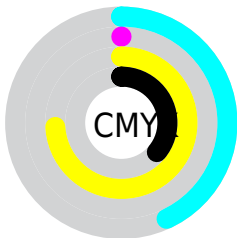
Distribution



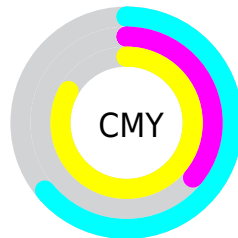
- Red (36%)
- Green (64%)
- Blue (17%)



- Red (17%)
- Yellow (64%)
- Blue (45%)



- Cyan (43%)
- Magenta (0%)
- Yellow (74%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6136875 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 6136875 by changing the saturation by 10% instead.



6136875



6136875

16777215



4294920



9821281



2256640



11663483



22016



13565847



15872



15466418



10496



16777167



1536



16777195



0



6136875



6136875



5481499



6792251

■ 4891658

■ 7382092

■ 4498432

■ 8037468

■ 8627309

■ 9282685

■ 9938061

■ 10527902

■ 11183278

■ 11838655

Harmonies

Analogous

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



10458624



6136875



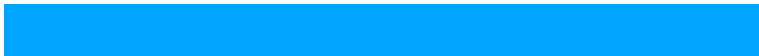
44134

Triad

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



6136875



42495



16602499

Complementary

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



6136875



7482276

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.



15228863



6136875



103679

Square

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



6136875



44509



11303664



15951434

Rectangle

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



6136875



44687



11303664



16405911

Sweetspot

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



6136875



12310183



10777131



5991247



15461355



7039851

Same Dimension

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



6136875



6739480



2860085



5067337



3969280



463360

Inverse Universe

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



7482276



8853718



10759066



5130578



5570705



655378

Previews

White Background



This preview shows how the Decimal color 6136875 looks on a white background.

Color Contrast Check

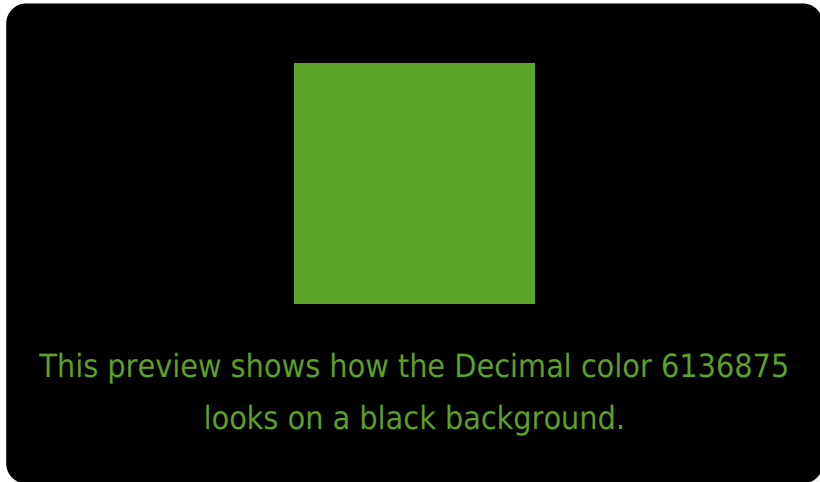
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6136875 Background



This preview shows how black text looks on a background with the Decimal color 6136875.



This preview shows how white text looks on a background with the Decimal color 6136875.

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



Original Color
6136875

Protanopia
10785318

Deuteranopia
11963189



Tritanopia
7379365

Trichromacy



Original Color
6136875

Protanomaly
9083176

Deuteranomaly
9868337

Tritanomaly
6921593

Monochromacy



Original Color
6136875

Achromatopsia
8487297

Achromatomaly
7638626

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6136875 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 #5DA42B looks like.

```
.text, #text, p{  
    color:#5DA42B  
}
```

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 #5DA42B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA42B
}
```

Border

The CSS property to change the border of an element to Decimal 6136875 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
#5DA42B }
```

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

```
.border{ border-color:#5DA42B }
```

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

Here you see how a box with a 4 pixel #5DA42B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA42B; -webkit-box-shadow:4px 4px  
4px 4px #5DA42B; box-shadow:4px 4px 4px  
4px #5DA42B }
```

Background

The CSS property to change the background color of an element to Decimal 6136875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA42B }
```

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

```
.background{ background-color:#5DA42B }
```

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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