

Converting Colors

Decimal(6020135)

Have a look what the booklet for
Decimal(6020135) contains.

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Color

Decimal(6020135)

Conversions

Conversions Part 1

Format	Color
Hex	5BDC27
RGB	91, 220, 39
RGB Percent	36%, 86%, 15%
CMY	0.6431, 0.1373, 0.8471
CMYK	0.59, 0.00, 0.82, 0.14
HSL	103°, 72%, 51%
HSV	103°, 82%, 86%
XYZ	30.2738, 53.5570, 10.6614
YIQ	160.7950, -18.7830, -83.6390

Conversions

Conversions Part 2

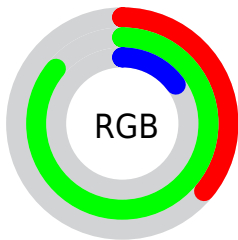
Format	Color
RYB	39, 220, 168
Decimal	6020135
CIELab	78.20, -64.58, 70.24
CIELCh	78, 95.414, 132.598
Yxy	53.5570, 0.3204, 0.5668
Android (android.graphics.Color)	4284210215 (0xFF5BDC27)
YUV	160.7950, -60.0449, -61.2102
Hunter-Lab	73.1827, -54.2288, 42.5904

Details

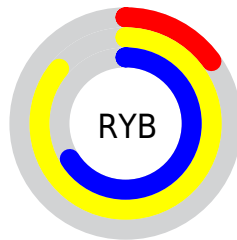
The Decimal color **6020135** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **11020252**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **10157925**, and **41984** is the 20% darker color. If you saturate the color by 10%, you get **4971537**, and if you desaturate by 10%, it is **7068733**.

Distribution



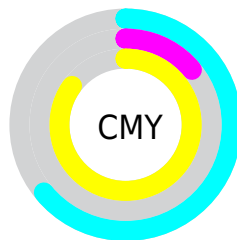
- Red (36%)
- Green (86%)
- Blue (15%)



- Red (15%)
- Yellow (86%)
- Blue (66%)



- Cyan (59%)
- Magenta (0%)
- Yellow (82%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6020135 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 6020135 by changing the saturation by 10% instead.



6020135



6020135

16777215



3653632



10157925



41984



12124034



34816



14155678



28160



16187323



21504



16777176



15360



16777206



8960



0



6020135



6020135

■ 4971537

■ 7068733

■ 4185088

■ 8051795

■ 9100393

■ 10148991

■ 11132053

■ 12180651

■ 13229249

■ 14212311

■ 15260909

Harmonies

Analogous

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



13027584



6020135



59017

Triad

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



6020135



56063



16735136

Complementary

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



6020135



11020252

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.



16738553



6020135



49407

Square

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



6020135



59135



15898623



16744267

Rectangle

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



6020135



59591



15898623



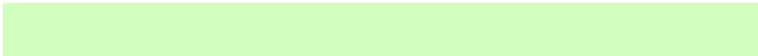
16734398

Sweetspot

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



6020135



13828031



14460455



6586457



0



8421504

Same Dimension

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



6020135



4980483



2612299



6712931



3321088



863744

Inverse Universe

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



11020252



11928575



14428088



6972270



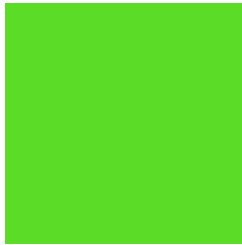
8126637



2162734

Previews

White Background



This preview shows how the Decimal color 6020135 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 6020135 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 6020135 Background



This preview shows how black text looks on a background with the Decimal color 6020135.

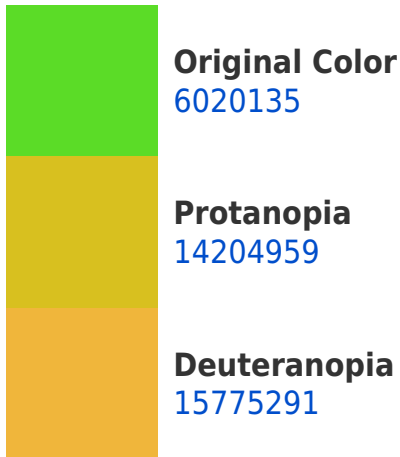


This preview shows how white text looks on a background with the Decimal color 6020135.

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
8244701

Trichromacy



Original Color
6020135



Protanomaly
11258402



Deuteranomaly
12239924



Tritanomaly
7459483

Monochromacy



Original Color
6020135



Achromatopsia
10592673



Achromatomaly
8959605

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6020135 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 #5BDC27 looks like.

```
.text, #text, p{  
    color:#5BDC27  
}
```

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 #5BDC27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BDC27  
}
```

Border

The CSS property to change the border of an element to Decimal 6020135 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  
#5BDC27 }
```

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

```
.border{ border-color:#5BDC27 }
```

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

Here you see how a box with a 4 pixel #5BDC27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BDC27; -webkit-box-shadow:4px 4px  
4px 4px #5BDC27; box-shadow:4px 4px 4px  
4px #5BDC27 }
```

Background

The CSS property to change the background color of an element to Decimal 6020135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BDC27 }
```

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

```
.background{ background-color:#5BDC27 }
```

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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