

Converting Colors

Decimal(5366129)

Have a look what the booklet for
Decimal(5366129) contains.

Decimal(5366129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5366129)

Conversions

Conversions Part 1

Format	Color
Hex	51E171
RGB	81, 225, 113
RGB Percent	32%, 88%, 44%
CMY	0.6824, 0.1176, 0.5569
CMYK	0.64, 0.00, 0.50, 0.12
HSL	133°, 71%, 60%
HSV	133°, 64%, 88%
XYZ	33.2992, 56.7920, 24.8297
YIQ	169.1760, -49.8720, -65.3600

Conversions

Conversions Part 2

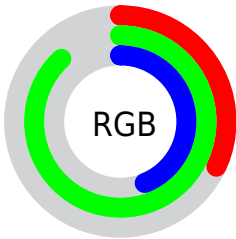
Format	Color
RYB	81, 199, 225
Decimal	5366129
CIELab	80.06, -61.58, 43.44
CIElCh	80, 75.359, 144.804
Yxy	56.7920, 0.2898, 0.4942
Android (android.graphics.Color)	4283556209 (0xFF51E171)
YUV	169.1760, -27.6948, -77.3304
Hunter-Lab	75.3605, -53.0079, 33.2175

Details

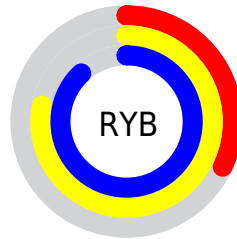
The Decimal color **5366129** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14766529**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **9502631**, and **43070** is the 20% darker color. If you saturate the color by 10%, you get **3924320**, and if you desaturate by 10%, it is **6807939**.

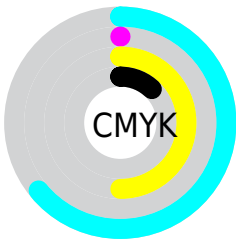
Distribution



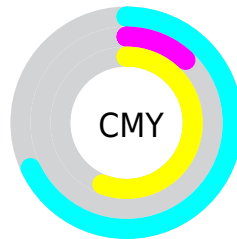
- Red (32%)
- Green (88%)
- Blue (44%)



- Red (32%)
- Yellow (78%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (50%)
- Black (12%)



- Cyan (68%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5366129 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 5366129 by changing the saturation by 10% instead.

 5366129

 5366129

16777215

 2802775

 9502631

 43070

 11468738

 36132

 13500383

 29188

 15466492

 22784

 16128

 10240

 0

 5366129

 5366129

■ 3924320

■ 6807939

■ 2416974

■ 8315284

■ 975165

■ 9757093

■ 57650

■ 11264439

■ 12771785

■ 14213594

■ 15720939

■ 16769533

■ 16769535

Harmonies

Analogous

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



11719736



5366129



59320

Triad

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



5366129



54015



16746896

Complementary

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



5366129



14766529

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.



16745686



5366129



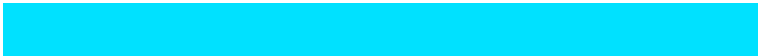
11647487

Square

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



5366129



57855



16751359



16753491

Rectangle

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



5366129



59624



16751359



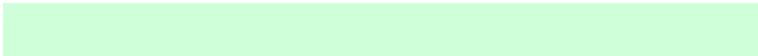
16745639

Sweetspot

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



5366129



13631449



12771665



6455401



0



8421504

Same Dimension

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



5366129



3932006



5366200



6647911



45095



12299

Inverse Universe

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



14766529



16726995



14766458



7365998



11534473



3145766

Previews

White Background



This preview shows how the Decimal color 5366129 looks on a white background.

Color Contrast Check

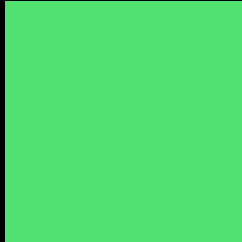
Large Text (above 18pt) WCAG AA × Fail

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 5366129 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

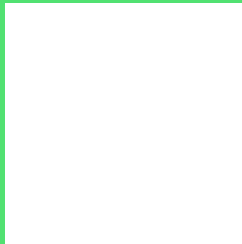
Any Text WCAG AAA ✓ Pass

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

Decimal 5366129 Background



This preview shows how black text looks on a background with the Decimal color 5366129.



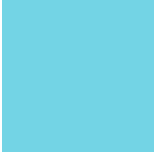
This preview shows how white text looks on a background with the Decimal color 5366129.

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





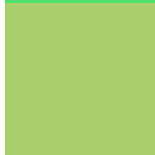
Tritanopia
7591141

Trichromacy



Original Color

5366129



Protanomaly

11063147



Deuteranomaly

11913591



Tritanomaly

6805947

Monochromacy



Original Color

5366129



Achromatopsia

11119017



Achromatomaly

9026965

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5366129 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 #51E171 looks like.

```
.text, #text, p{  
    color:#51E171  
}
```

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 #51E171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E171
}
```

Border

The CSS property to change the border of an element to Decimal 5366129 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
#51E171 }
```

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

```
.border{ border-color:#51E171 }
```

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

Here you see how a box with a 4 pixel #51E171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E171; -webkit-box-shadow:4px 4px  
4px 4px #51E171; box-shadow:4px 4px 4px  
4px #51E171 }
```

Background

The CSS property to change the background color of an element to Decimal 5366129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E171 }
```

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

```
.background{ background-color:#51E171 }
```

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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