

Converting Colors

Decimal(6152808)

Have a look what the booklet for
Decimal(6152808) contains.

Decimal(6152808)	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(6152808)

Conversions

Conversions Part 1

Format	Color
Hex	5DE268
RGB	93, 226, 104
RGB Percent	36%, 89%, 41%
CMY	0.6353, 0.1137, 0.5922
CMYK	0.59, 0.00, 0.54, 0.11
HSL	125°, 70%, 63%
HSV	125°, 59%, 89%
XYZ	34.2092, 57.7193, 22.4346
YIQ	172.3250, -40.1060, -66.1380

Conversions

Conversions Part 2

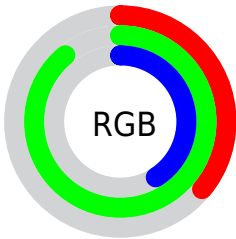
Format	Color
RYB	93, 216, 226
Decimal	6152808
CIELab	80.58, -60.64, 48.39
CIELCh	81, 77.585, 141.409
Yxy	57.7193, 0.2991, 0.5047
Android (android.graphics.Color)	4284342888 (0xFF5DE268)
YUV	172.3250, -33.6842, -69.5680
Hunter-Lab	75.9732, -52.5782, 35.6731

Details

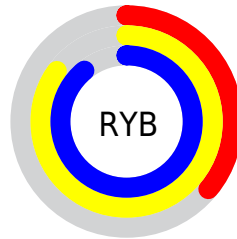
The Decimal color **6152808** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14835159**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10157982**, and **43316** is the 20% darker color. If you saturate the color by 10%, you get **4645459**, and if you desaturate by 10%, it is **7660157**.

Distribution



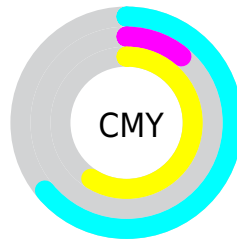
- Red (36%)
- Green (89%)
- Blue (41%)



- Red (36%)
- Yellow (85%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (54%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6152808 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 6152808 by changing the saturation by 10% instead.



■ 6152808

■ 6152808

■ 4645459

■ 7660157

■ 3203647

■ 9101969

■ 1696298

■ 10609318

■ 254485

■ 12051131

■ 57875

■ 13558480

■ 15065828

■ 16507641

■ 16769791

Harmonies

Analogous

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



12309550



6152808



59824

Triad

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



6152808



55039



16746135

Complementary

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



6152808



14835159

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.



16745696



6152808



10600191

Square

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



6152808



58879



16752127



16752727

Rectangle

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



6152808



60130



16752127



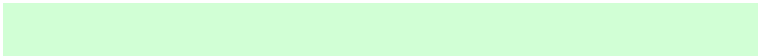
16745135

Sweetspot

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



6152808



13762517



14279261



6520934



0



8421504

Same Dimension

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



6152808



4915033



6152872



6647910



45071



12292

Inverse Universe

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



14835159



16730864



14835095



7365999



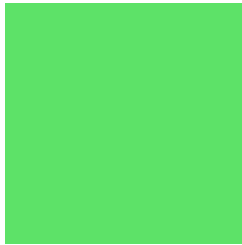
11534497



3145772

Previews

White Background



This preview shows how the Decimal color 6152808 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 6152808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

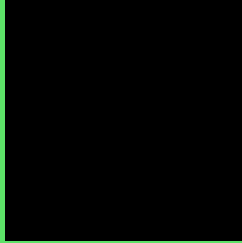
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

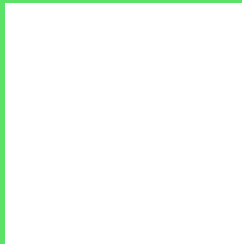
Any Text WCAG AAA ✓ Pass

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

Decimal 6152808 Background



This preview shows how black text looks on a background with the Decimal color 6152808.



This preview shows how white text looks on a background with the Decimal color 6152808.

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



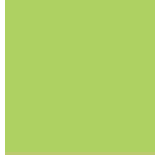


Tritanopia
8181222

Trichromacy



Original Color
6152808



Protanomaly
11456866



Deuteranomaly
12372590



Tritanomaly
7461560

Monochromacy



Original Color
6152808



Achromatopsia
11316396



Achromatomaly
9420947

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6152808 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 #5DE268 looks like.

```
.text, #text, p{  
    color:#5DE268  
}
```

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 #5DE268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE268
}
```

Border

The CSS property to change the border of an element to Decimal 6152808 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
#5DE268 }
```

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

```
.border{ border-color:#5DE268 }
```

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

Here you see how a box with a 4 pixel #5DE268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE268; -webkit-box-shadow:4px 4px  
4px 4px #5DE268; box-shadow:4px 4px 4px  
4px #5DE268 }
```

Background

The CSS property to change the background color of an element to Decimal 6152808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE268 }
```

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

```
.background{ background-color:#5DE268 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor