

Converting Colors

Decimal(6151555)

Have a look what the booklet for
Decimal(6151555) contains.

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Color

Decimal(6151555)

Conversions

Conversions Part 1

Format	Color
Hex	5DDD83
RGB	93, 221, 131
RGB Percent	36%, 87%, 51%
CMY	0.6353, 0.1333, 0.4863
CMYK	0.58, 0.00, 0.41, 0.13
HSL	138°, 65%, 62%
HSV	138°, 58%, 87%
XYZ	34.4674, 55.6788, 30.4032
YIQ	172.4680, -47.3980, -55.1260

Conversions

Conversions Part 2

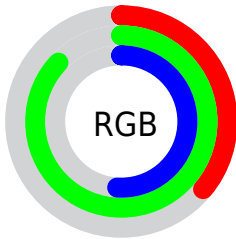
Format	Color
RYB	93, 192, 221
Decimal	6151555
CIELab	79.43, -54.78, 33.81
CIElCh	79, 64.379, 148.317
Yxy	55.6788, 0.2859, 0.4619
Android (android.graphics.Color)	4284341635 (0xFF5DDD83)
YUV	172.4680, -20.4437, -69.6934
Hunter-Lab	74.6182, -48.1297, 28.0750

Details

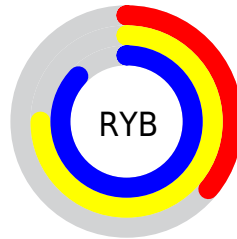
The Decimal color **6151555** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **14507447**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10092473**, and **828752** is the 20% darker color. If you saturate the color by 10%, you get **4709747**, and if you desaturate by 10%, it is **7593363**.

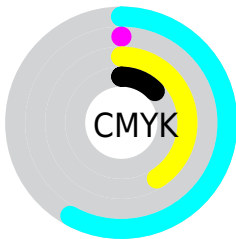
Distribution



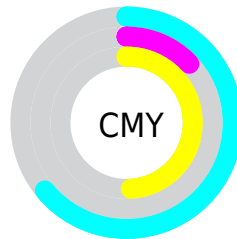
- Red (36%)
- Green (87%)
- Blue (51%)



- Red (36%)
- Yellow (75%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6151555 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 6151555 by changing the saturation by 10% instead.

 6151555

 6151555

16777215

 3981673

 10092473

 828752

 11993045

 35384

 13959153

 28448

 15925247

 22021

 15616

 9728

 0

 6151555

 6151555

4709747

7593363

3267940

9035170

1826132

10476978

384325

11918785

56642

13426129

14867936

16309744

16768511

Harmonies

Analogous

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



11391573



6151555



58047

Triad

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



6151555



2739455



16750223

Complementary

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



6151555



14507447

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.



16748747



6151555



12695295

Square

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



6151555



56319



16752383



16755295

Rectangle

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



6151555



58089



16752383



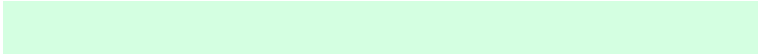
16748962

Sweetspot

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



6151555



13959137



12180829



6717550



0



8421504

Same Dimension

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



6151555



5111681



6151617



6516326



44339



11790

Inverse Universe

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



14507447



16731594



14507385



7234410



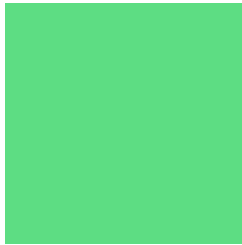
11337850



3014688

Previews

White Background



This preview shows how the Decimal color 6151555 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 6151555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

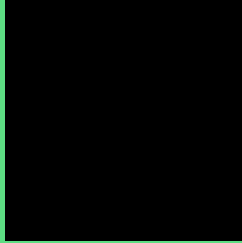
Any Text WCAG AA ✓ Pass

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 6151555 Background



This preview shows how black text looks on a background with the Decimal color 6151555.



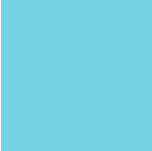
This preview shows how white text looks on a background with the Decimal color 6151555.

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
7852771

Trichromacy



Original Color
6151555



Protanomaly
11127933



Deuteranomaly
11913096



Tritanomaly
7263936

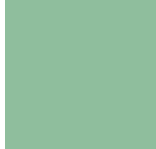
Monochromacy



Original Color
6151555



Achromatopsia
11316396



Achromatomaly
9420445

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6151555 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 #5DDD83 looks like.

```
.text, #text, p{  
    color:#5DDD83  
}
```

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 #5DDD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DDD83
}
```

Border

The CSS property to change the border of an element to Decimal 6151555 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
#5DDD83 }
```

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

```
.border{ border-color:#5DDD83 }
```

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

Here you see how a box with a 4 pixel #5DDD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DDD83; -webkit-box-shadow:4px 4px  
4px 4px #5DDD83; box-shadow:4px 4px 4px  
4px #5DDD83 }
```

Background

The CSS property to change the background color of an element to Decimal 6151555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DDD83 }
```

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

```
.background{ background-color:#5DDD83 }
```

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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