

# Converting Colors

Decimal(6086007)

Have a look what the booklet for  
Decimal(6086007) contains.

<b>Decimal(6086007)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(6086007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CDD77
RGB	92, 221, 119
RGB Percent	36%, 87%, 47%
CMY	0.6392, 0.1333, 0.5333
CMYK	0.58, 0.00, 0.46, 0.13
HSL	133°, 65%, 61%
HSV	133°, 58%, 87%
XYZ	33.5999, 55.3201, 26.3597
YIQ	170.8010, -44.1420, -59.0700

# Conversions

## Conversions Part 2

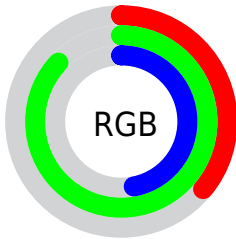
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 199, 221
Decimal	6086007
CIELab	79.23, -56.92, 39.53
CIElCh	79, 69.298, 145.217
Yxy	55.3201, 0.2915, 0.4799
Android (android.graphics.Color)	4284276087 (0xFF5CDD77)
YUV	170.8010, -25.5379, -69.1085
Hunter-Lab	74.3775, -49.5237, 31.0516

# Details

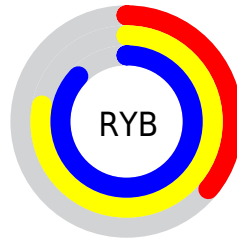
The Decimal color **6086007** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14507202**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **10026925**, and **435524** is the 20% darker color. If you saturate the color by 10%, you get **4644198**, and if you desaturate by 10%, it is **7527816**.

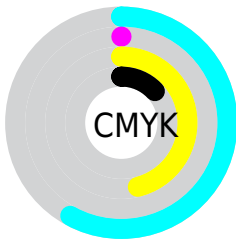
# Distribution



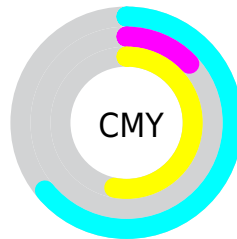
- Red (36%)
- Green (87%)
- Blue (47%)



- Red (36%)
- Yellow (78%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (46%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6086007 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 6086007 by changing the saturation by 10% instead.



 6086007

 6086007

16777215

 3916125

 10026925

 435524

 11993032

 35371

 13959141

 28432

 15925247

 22016

 15616

 9728

 0

 6086007

 6086007

■ 4644198

■ 7527816

■ 3202388

■ 8969626

■ 1760579

■ 10411435

■ 318769

■ 11853245

■ 56622

■ 13360590

■ 14802400

■ 16244209

■ 16768511

# Harmonies

## Analogous

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



11653446



6086007



58295

# Triad

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



6086007



53247



16748177

# Complementary

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



6086007



14507202

# 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.



16747217



6086007



11843583

# Square

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



6086007



56831



16751871



16753754

# Rectangle

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



6086007



58596



16751871



16747174

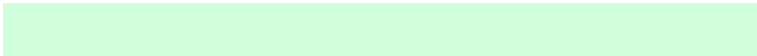


# Sweetspot

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



6086007



13762523



12836188



6520937



0



8421504



# Same Dimension

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



6086007



5111666



6086070



6516325



44324



11786



# Inverse Universe

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



14507202



16731610



14507139



7234411



11337865

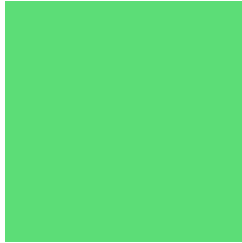


3014692



# Previews

## White Background



This preview shows how the Decimal color 6086007 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 6086007 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

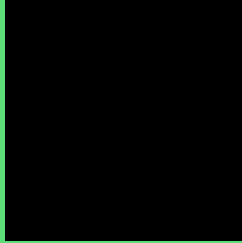
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6086007 Background



This preview shows how black text looks on a background with the Decimal color 6086007.



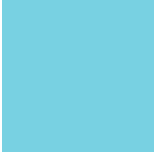
This preview shows how white text looks on a background with the Decimal color 6086007.

# 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**  
7918050

# Trichromacy



**Original Color**  
6086007



**Protanomaly**  
11193457



**Deuteranomaly**  
11978620



**Tritanomaly**  
7263675

# Monochromacy



**Original Color**  
6086007



**Achromatopsia**  
11250603



**Achromatomaly**  
9354648

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6086007 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 #5CDD77 looks like.

```
.text, #text, p{  
    color:#5CDD77  
}
```

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 #5CDD77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CDD77
}
```

## Border

The CSS property to change the border of an element to Decimal 6086007 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
#5CDD77 }
```

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

```
.border{ border-color:#5CDD77 }
```

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

Here you see how a box with a 4 pixel #5CDD77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CDD77; -webkit-box-shadow:4px 4px  
4px 4px #5CDD77; box-shadow:4px 4px 4px  
4px #5CDD77 }
```

# Background

The CSS property to change the background color of an element to Decimal 6086007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CDD77 }
```

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

```
.background{ background-color:#5CDD77 }
```

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