

Converting Colors

Decimal(5094993)

Have a look what the booklet for
Decimal(5094993) contains.

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Color

Decimal(5094993)

Conversions

Conversions Part 1

Format	Color
Hex	4DBE51
RGB	77, 190, 81
RGB Percent	30%, 75%, 32%
CMY	0.6980, 0.2549, 0.6824
CMYK	0.59, 0.00, 0.57, 0.25
HSL	122°, 47%, 52%
HSV	122°, 59%, 75%
XYZ	22.9592, 38.9988, 14.1020
YIQ	143.7870, -32.3590, -57.8550

Conversions

Conversions Part 2

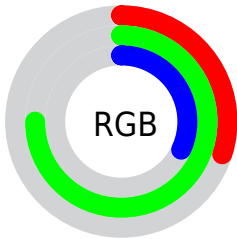
Format	Color
RYB	77, 186, 190
Decimal	5094993
CIELab	68.75, -53.91, 44.93
CIElCh	69, 70.179, 140.190
Yxy	38.9988, 0.3019, 0.5127
Android (android.graphics.Color)	4283285073 (0xFF4DBE51)
YUV	143.7870, -30.9540, -58.5722
Hunter-Lab	62.4490, -43.6606, 30.3256

Details

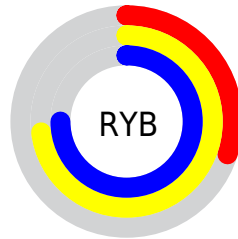
The Decimal color **5094993** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12471738**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **8976261**, and **34589** is the 20% darker color. If you saturate the color by 10%, you get **3849791**, and if you desaturate by 10%, it is **6340195**.

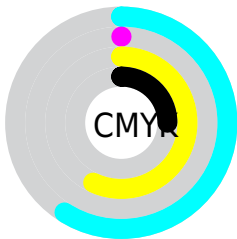
Distribution



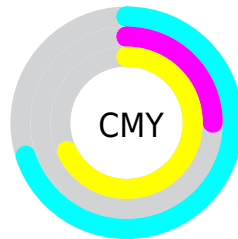
- Red (30%)
- Green (75%)
- Blue (32%)



- Red (30%)
- Yellow (73%)
- Blue (75%)



- Cyan (59%)
- Magenta (0%)
- Yellow (57%)
- Black (25%)



- Cyan (70%)
- Magenta (25%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5094993 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 5094993 by changing the saturation by 10% instead.

 5094993

 5094993

16777215

 2859575

 8976261

 34589

 10878880

 27904

 12844988

 21504

 14745560

 15104

 16711669

 9472

 0

 5094993

 5094993

 3849791

 6340195

 2604588

 7585398

 1359386

 8830600

 114184

 10075802

 48647

 11321005

 12566207

 13811409

 15056612

 16301814

Harmonies

Analogous

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



1040028



5094993



50320

Triad

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



5094993



46591



16739456

Complementary

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



5094993



12471738

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.



16739519



5094993



8298751

Square

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



5094993



49663



14713850



16745287

Rectangle

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



5094993



50876



14713850



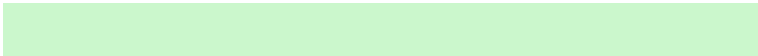
16738709

Sweetspot

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



5094993



13367244



12238413



6389090



16579836



8224125

Same Dimension

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



5094993



4781902



5095049



5594709



40454



7937

Inverse Universe

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



12471738



16206065



12471682



6182238



10354841



2031646

Previews

White Background



This preview shows how the Decimal color 5094993 looks on a white background.

Color Contrast Check

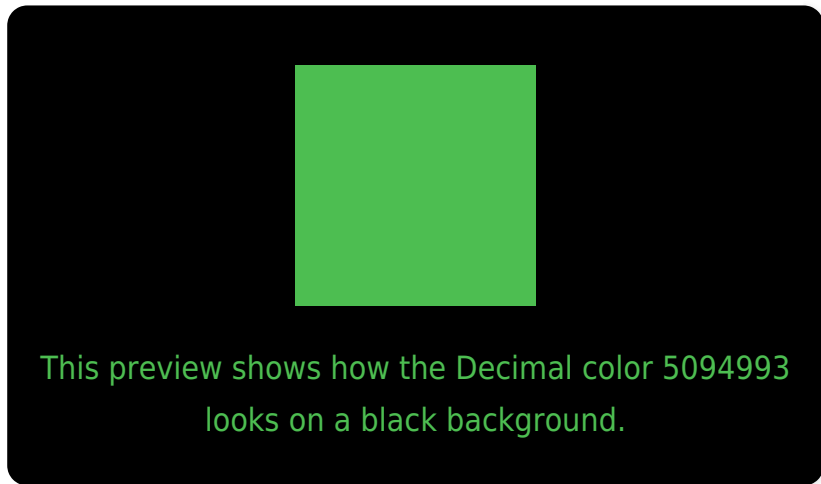
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

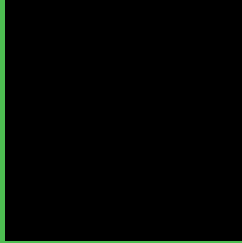
Any Text WCAG AA ✓ Pass

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 5094993 Background



This preview shows how black text looks on a background with the Decimal color 5094993.



This preview shows how white text looks on a background with the Decimal color 5094993.

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](#).

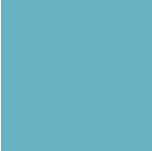
Dichromacy



Original Color
5094993

Protanopia
12166986

Deuteranopia
13410138



Tritanopia
6861505

Trichromacy



Original Color

5094993



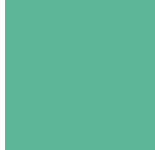
Protanomaly

9613133



Deuteranomaly

10398295



Tritanomaly

6207128

Monochromacy



Original Color

5094993



Achromatopsia

9474192



Achromatomaly

7905657

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5094993 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 #4DBE51 looks like.

```
.text, #text, p{  
    color:#4DBE51  
}
```

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 #4DBE51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DBE51
}
```

Border

The CSS property to change the border of an element to Decimal 5094993 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
#4DBE51 }
```

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

```
.border{ border-color:#4DBE51 }
```

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

Here you see how a box with a 4 pixel #4DBE51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DBE51; -webkit-box-shadow:4px 4px  
4px 4px #4DBE51; box-shadow:4px 4px 4px  
4px #4DBE51 }
```

Background

The CSS property to change the background color of an element to Decimal 5094993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DBE51 }
```

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

```
.background{ background-color:#4DBE51 }
```

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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