

Converting Colors

Decimal(5099864)

Have a look what the booklet for
Decimal(5099864) contains.

Decimal(5099864)	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(5099864)

Conversions

Conversions Part 1

Format	Color
Hex	4DD158
RGB	77, 209, 88
RGB Percent	30%, 82%, 35%
CMY	0.6980, 0.1804, 0.6549
CMYK	0.63, 0.00, 0.58, 0.18
HSL	125°, 59%, 56%
HSV	125°, 63%, 82%
XYZ	27.6225, 47.8833, 17.0191
YIQ	155.7380, -39.8310, -65.6150

Conversions

Conversions Part 2

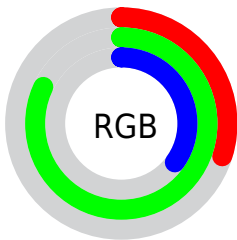
Format	Color
RYB	77, 199, 209
Decimal	5099864
CIELab	74.75, -59.98, 48.73
CIELCh	75, 77.281, 140.906
Yxy	47.8833, 0.2985, 0.5175
Android (android.graphics.Color)	4283289944 (0xFF4DD158)
YUV	155.7380, -33.3948, -69.0532
Hunter-Lab	69.1978, -49.8421, 33.8562

Details

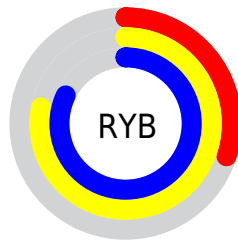
The Decimal color **5099864** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **13716934**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9174925**, and **39203** is the 20% darker color. If you saturate the color by 10%, you get **3723589**, and if you desaturate by 10%, it is **6476139**.

Distribution



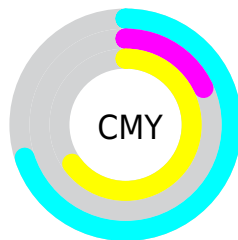
- Red (30%)
- Green (82%)
- Blue (35%)



- Red (30%)
- Yellow (78%)
- Blue (82%)



- Cyan (63%)
- Magenta (0%)
- Yellow (58%)
- Black (18%)



- Cyan (70%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 5099864 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 5099864 by changing the saturation by 10% instead.

 5099864


 5099864

16777215

 2602302

 9174925

 39203

 11141033

 32256

 13107141

 25600

 15073249

 19200

16777214

 13312

 6400

 0

 5099864

 5099864

 3723589

 6476139

 2347314

 7852414

 971039

 9228689

 53521

 10604965

 11981240

 13291979

 14668254

 16044529

 16765439

Harmonies

Analogous

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



11256599



5099864



55455

Triad

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



5099864



51199



16741770

Complementary

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



5099864



13716934

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.



16741329



5099864



9219839

Square

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



5099864



54527



16289535



16748362

Rectangle

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



5099864



55761



16289535



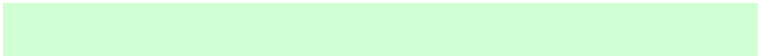
16740769

Sweetspot

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



5099864



13631443



13029709



6455397



0



8421504

Same Dimension

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



5099864



4063053



5099930



6187359



43022



10499

Inverse Universe

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



13716934



16727535



13716868



6905448



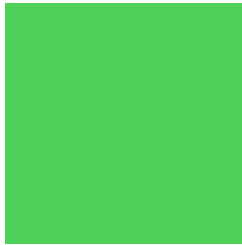
11010202



2687013

Previews

White Background



This preview shows how the Decimal color 5099864 looks on a white background.

Color Contrast Check

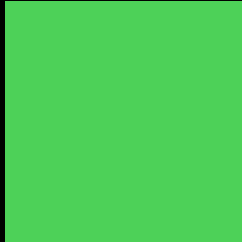
Large Text (above 18pt) WCAG AA × Fail

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 5099864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

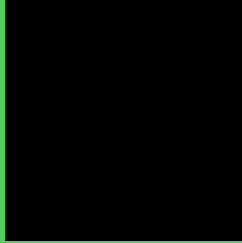
Any Text WCAG AA ✓ Pass

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 5099864 Background



This preview shows how black text looks on a background with the Decimal color 5099864.

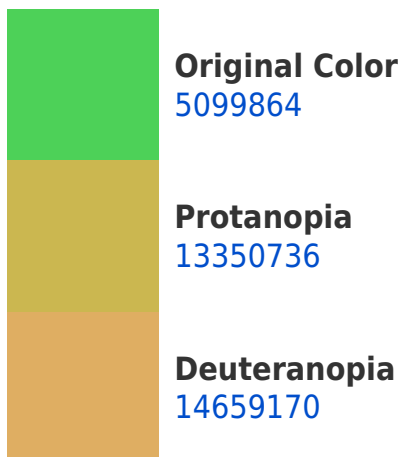


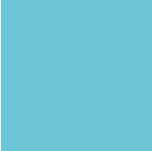
This preview shows how white text looks on a background with the Decimal color 5099864.

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
7193812

Trichromacy



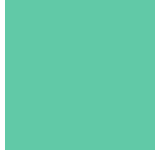
Original Color
5099864



Protanomaly
10338387



Deuteranomaly
11189086



Tritanomaly
6408615

Monochromacy



Original Color
5099864



Achromatopsia
10263708



Achromatomaly
8368003

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5099864 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 #4DD158 looks like.

```
.text, #text, p{  
    color:#4DD158  
}
```

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 #4DD158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD158
}
```

Border

The CSS property to change the border of an element to Decimal 5099864 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
#4DD158 }
```

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

```
.border{ border-color:#4DD158 }
```

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

Here you see how a box with a 4 pixel #4DD158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD158; -webkit-box-shadow:4px 4px  
4px 4px #4DD158; box-shadow:4px 4px 4px  
4px #4DD158 }
```

Background

The CSS property to change the background color of an element to Decimal 5099864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD158 }
```

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

```
.background{ background-color:#4DD158 }
```

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