

Converting Colors

Decimal(5291264)

Have a look what the booklet for
Decimal(5291264) contains.

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Color

Decimal(5291264)

Conversions

Conversions Part 1

Format	Color
Hex	50BD00
RGB	80, 189, 0
RGB Percent	31%, 74%, 0%
CMY	0.6863, 0.2588, 1.0000
CMYK	0.58, 0.00, 1.00, 0.26
HSL	95°, 100%, 37%
HSV	95°, 100%, 74%
XYZ	21.5059, 38.1007, 6.2207
YIQ	134.8630, -4.2950, -81.8870

Conversions

Conversions Part 2

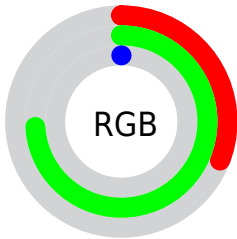
Format	Color
RYB	0, 189, 109
Decimal	5291264
CIELab	68.09, -57.80, 67.96
CIELCh	68, 89.215, 130.380
Yxy	38.1007, 0.3267, 0.5788
Android (android.graphics.Color)	4283481344 (0xFF50BD00)
YUV	134.8630, -66.4875, -48.1149
Hunter-Lab	61.7257, -45.8289, 37.2328

Details

The Decimal color **5291264** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **7143613**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **9303631**, and **34304** is the 20% darker color. If you saturate the color by 10%, you get **5291264**, and if you desaturate by 10%, it is **6012179**.

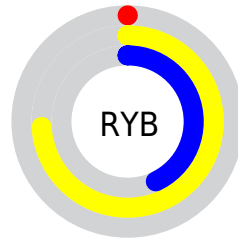
Distribution



Red (31%)

Green (74%)

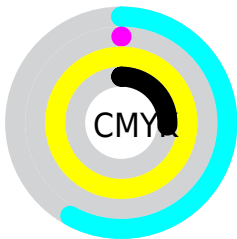
Blue (0%)



Red (0%)

Yellow (74%)

Blue (43%)

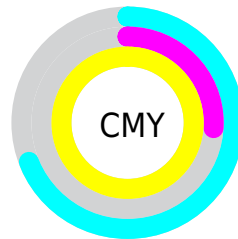


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (69%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5291264 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 5291264 by changing the saturation by 10% instead.

 5291264

 5291264

16777215

 2990336

 9303631

 34304

 11272043

 27648


 13238151

 21248

 15204260

 14848

 16777153

 8960

 16777182

 0

 16777211

 5291264

 6012179

 6733094

 7454009

 8174924

 8830303

 9551217

 10272132

 10993047

 11713962

Harmonies

Analogous

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



11447040



5291264



50796

Triad

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



5291264



48639



16728718

Complementary

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



5291264



7143613

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.



16733406



5291264



43007

Square

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



5291264



51199



13271807



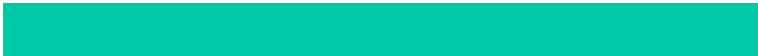
16737600

Rectangle

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



5291264



51621



13271807



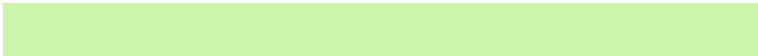
16728489

Sweetspot

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



5291264



13301163



12413696



6388302



16448250



8026746

Same Dimension

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



5291264



6878464



48397



5856853



4431360



859904

Inverse Universe

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



7143613



9240821



12386480



5920094



5963934



1179679

Previews

White Background



This preview shows how the Decimal color 5291264 looks on a white background.

Color Contrast Check

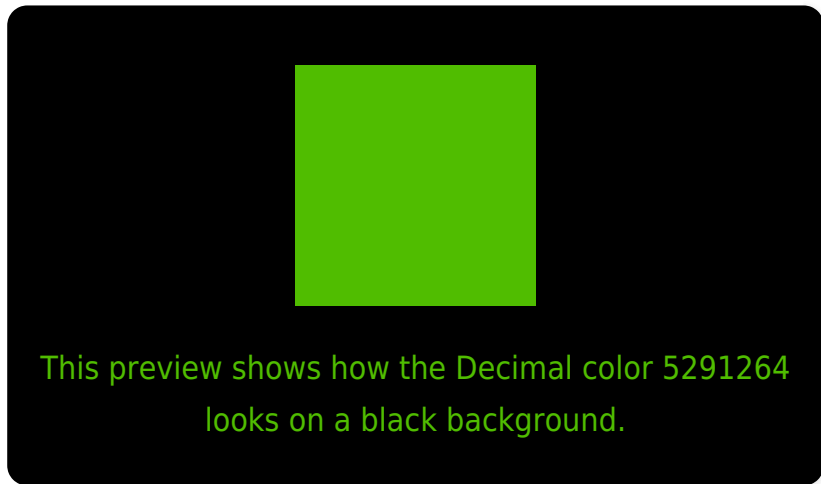
Large Text (above 18pt) WCAG AA × Fail

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 5291264 Background



This preview shows how black text looks on a background with the Decimal color 5291264.



This preview shows how white text looks on a background with the Decimal color 5291264.

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](#).

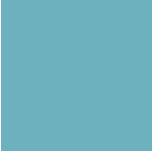
Dichromacy



Original Color
5291264

Protanopia
12231936

Deuteranopia
13605927



Tritanopia
7188670

Trichromacy



Original Color

5291264



Protanomaly

9678336



Deuteranomaly

10594329



Tritanomaly

6468985

Monochromacy



Original Color

5291264



Achromatopsia

8882055



Achromatomaly

7576406

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5291264 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 #50BD00 looks like.

```
.text, #text, p{  
    color:#50BD00  
}
```

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 #50BD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50BD00
}
```

Border

The CSS property to change the border of an element to Decimal 5291264 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
#50BD00 }
```

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

```
.border{ border-color:#50BD00 }
```

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

Here you see how a box with a 4 pixel #50BD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50BD00; -webkit-box-shadow:4px 4px  
4px 4px #50BD00; box-shadow:4px 4px 4px  
4px #50BD00 }
```

Background

The CSS property to change the background color of an element to Decimal 5291264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50BD00 }
```

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

```
.background{ background-color:#50BD00 }
```

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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