

Converting Colors

Decimal(5302434)

Have a look what the booklet for
Decimal(5302434) contains.

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Color

Decimal(5302434)

Conversions

Conversions Part 1

Format	Color
Hex	50E8A2
RGB	80, 232, 162
RGB Percent	31%, 91%, 64%
CMY	0.6863, 0.0902, 0.3647
CMYK	0.66, 0.00, 0.30, 0.09
HSL	152°, 77%, 61%
HSV	152°, 66%, 91%
XYZ	38.6865, 62.0273, 44.1159
YIQ	178.5720, -68.1220, -53.9940

Conversions

Conversions Part 2

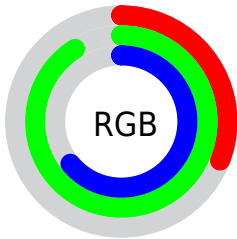
Format	Color
RYB	80, 179, 232
Decimal	5302434
CIELab	82.93, -55.87, 22.57
CIELCh	83, 60.254, 157.999
Yxy	62.0273, 0.2671, 0.4283
Android (android.graphics.Color)	4283492514 (0xFF50E8A2)
YUV	178.5720, -8.1700, -86.4476
Hunter-Lab	78.7574, -50.1445, 21.9190

Details

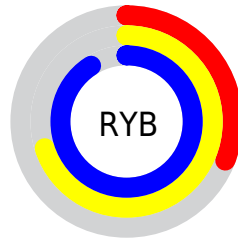
The Decimal color **5302434** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **15224982**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **9502681**, and **44910** is the 20% darker color. If you saturate the color by 10%, you get **3795095**, and if you desaturate by 10%, it is **6809773**.

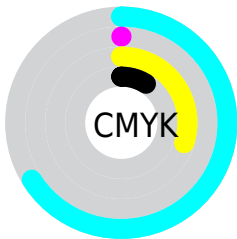
Distribution



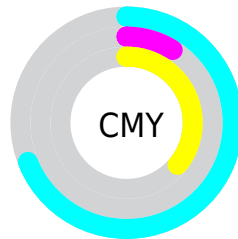
- Red (31%)
- Green (91%)
- Blue (64%)



- Red (31%)
- Yellow (70%)
- Blue (91%)



- Cyan (66%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (69%)
- Magenta (9%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5302434 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 5302434 by changing the saturation by 10% instead.

 5302434

 5302434

16777215

 2673544

 9502681

 44910

 11534326

 37973

 13500415

 31038

 15532031

 24359

 17937

 12288

 4608

 0

 5302434

 5302434

 3795095

 6809773

 2287757

 8317111

 714882

 9889986

 59517

 11397325

 12904663

 14412002

 15919341

 16771319

 16771327

Harmonies

Analogous

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



10870642



5302434



60380

Triad

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



5302434



8900607



16754828

Complementary

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



5302434



15224982

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.



16752321



5302434



15186687

Square

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



5302434



57599



16754170



16759909

Rectangle

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



5302434



60159



16754170



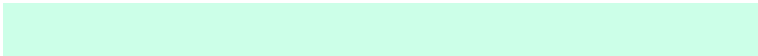
16753564

Sweetspot

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



5302434



13434856



9955408



6389873



0



8421504

Same Dimension

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



5302434



3604386



5301224



6779757



45920



13084

Inverse Universe

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



15224982



16725650



15226192



7563117



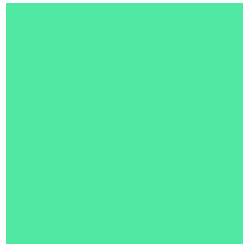
11731026



3342359

Previews

White Background



This preview shows how the Decimal color 5302434 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 5302434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

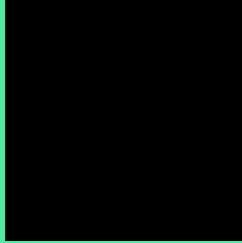
Any Text WCAG AA ✓ Pass

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 5302434 Background



This preview shows how black text looks on a background with the Decimal color 5302434.

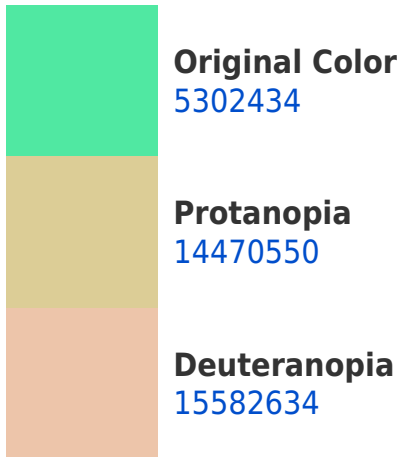


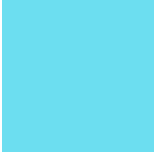
This preview shows how white text looks on a background with the Decimal color 5302434.

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





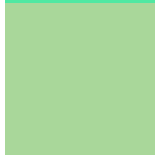
Tritanopia
7134960

Trichromacy



Original Color

5302434



Protanomaly

11130778



Deuteranomaly

11850407



Tritanomaly

6480596

Monochromacy



Original Color

5302434



Achromatopsia

11776947



Achromatomaly

9422509

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5302434 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 #50E8A2 looks like.

```
.text, #text, p{  
    color:#50E8A2  
}
```

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 #50E8A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E8A2
}
```

Border

The CSS property to change the border of an element to Decimal 5302434 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
#50E8A2 }
```

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

```
.border{ border-color:#50E8A2 }
```

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

Here you see how a box with a 4 pixel #50E8A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E8A2; -webkit-box-shadow:4px 4px  
4px 4px #50E8A2; box-shadow:4px 4px 4px  
4px #50E8A2 }
```

Background

The CSS property to change the background color of an element to Decimal 5302434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E8A2 }
```

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

```
.background{ background-color:#50E8A2 }
```

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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