

# Converting Colors

Decimal(5362642)

Have a look what the booklet for  
Decimal(5362642) contains.

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# **Color**

**Decimal(5362642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51D3D2
RGB	81, 211, 210
RGB Percent	32%, 83%, 82%
CMY	0.6824, 0.1725, 0.1765
CMYK	0.62, 0.00, 0.00, 0.17
HSL	180°, 60%, 57%
HSV	180°, 62%, 83%
XYZ	38.3205, 52.9910, 69.1814
YIQ	172.0160, -77.1590, -27.8710

# Conversions

## Conversions Part 2

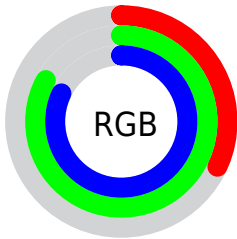
Format	Color
<a href="#">RYB</a>	<a href="#">81, 146, 211</a>
Decimal	<a href="#">5362642</a>
CIELab	<a href="#">77.87, -35.24, -10.09</a>
CIELCh	<a href="#">78, 36.653, 195.986</a>
Yxy	<a href="#">52.9910, 0.2388, 0.3302</a>
Android (android.graphics.Color)	<a href="#">4283552722 (0xFF51D3D2)</a>
YUV	<a href="#">172.0160, 18.7261, -79.8210</a>
Hunter-Lab	<a href="#">72.7949, -33.4257, -5.3904</a>

# Details

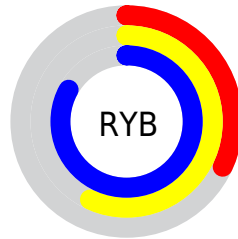
The Decimal color **5362642** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **13848914**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **9502719**, and **40092** is the 20% darker color. If you saturate the color by 10%, you get **3986386**, and if you desaturate by 10%, it is **6738898**.

# Distribution



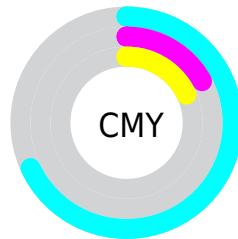
- Red (32%)
- Green (83%)
- Blue (82%)



- Red (32%)
- Yellow (57%)
- Blue (83%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (68%)
- Magenta (17%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5362642 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 5362642 by changing the saturation by 10% instead.



5362642

5362642

16777215

2799542

9502719

40092

11468799

33154

13500415

26729

15466495

20304

14138

8996

271

0

■ 5362642

■ 5362642

■ 3986386

■ 6738898

■ 2610130

■ 8115154

■ 1233874

■ 9491410

■ 54225

■ 10867667

■ 12309459

■ 13685715

■ 15061971

■ 16438227

■ 16765907

# Harmonies

## Analogous

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



7787183



5362642



5165296

# Triad

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



5362642



14397936



15120767

# Complementary

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



5362642



13848914

# 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.



16559761



5362642



16361682

# Square

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



5362642



11451903



16754607



12960894

# Rectangle

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



5362642



6867966



16754607



15709571



# Sweetspot

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



5362642



13762559



5493585



6520959



0



8421504



# Same Dimension

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



5362642



4390910



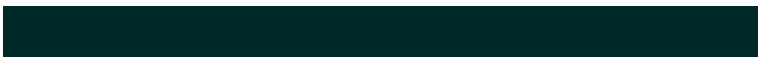
5346515



6187368



43175



10536



# Inverse Universe

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



13848914



16728644



13865041



6905438



11010049

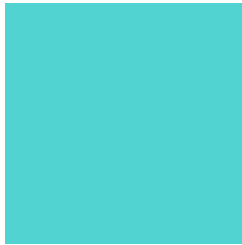


2686976



# Previews

## White Background



This preview shows how the Decimal color 5362642 looks on a white background.

## Color Contrast Check

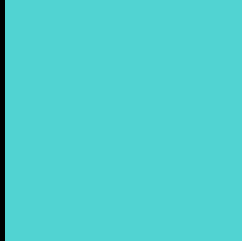
Large Text (above 18pt) WCAG AA × Fail

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 5362642 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 5362642 Background



This preview shows how black text looks on a background with the Decimal color 5362642.



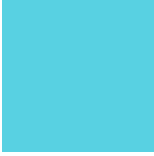
This preview shows how white text looks on a background with the Decimal color 5362642.

# 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**  
5820898

# Trichromacy



**Original Color**  
5362642



**Protanomaly**  
10012362



**Deuteranomaly**  
10208213

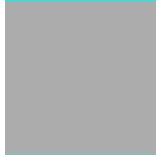


**Tritanomaly**  
5624540

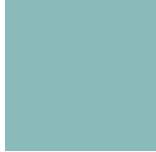
# Monochromacy



**Original Color**  
5362642



**Achromatopsia**  
11316396



**Achromatomaly**  
9157306

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5362642 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 #51D3D2 looks like.

```
.text, #text, p{  
    color:#51D3D2  
}
```

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 #51D3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51D3D2
}
```

## Border

The CSS property to change the border of an element to Decimal 5362642 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
#51D3D2 }
```

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

```
.border{ border-color:#51D3D2 }
```

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

Here you see how a box with a 4 pixel #51D3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51D3D2; -webkit-box-shadow:4px 4px  
4px 4px #51D3D2; box-shadow:4px 4px 4px  
4px #51D3D2 }
```

# Background

The CSS property to change the background color of an element to Decimal 5362642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51D3D2 }
```

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

```
.background{ background-color:#51D3D2 }
```

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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