

# Converting Colors

Decimal(5487290)

Have a look what the booklet for  
Decimal(5487290) contains.

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# **Color**

**Decimal(5487290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53BABA
RGB	83, 186, 186
RGB Percent	33%, 73%, 73%
CMY	0.6745, 0.2706, 0.2706
CMYK	0.55, 0.00, 0.00, 0.27
HSL	180°, 43%, 53%
HSV	180°, 55%, 73%
XYZ	29.9891, 40.5020, 52.6914
YIQ	155.2030, -61.3880, -21.8360

# Conversions

## Conversions Part 2

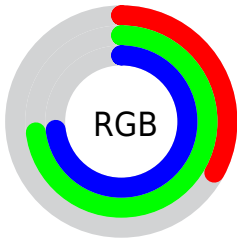
Format	Color
R <sub>Y</sub> B	83, 135, 186
Decimal	5487290
CIE Lab	69.83, -29.55, -9.05
CIE LCh	70, 30.900, 197.022
Yxy	40.5020, 0.2435, 0.3288
Android (android.graphics.Color)	4283677370 (0xFF53BABA)
YUV	155.2030, 15.1829, -63.3220
Hunter-Lab	63.6412, -27.2589, -4.5401

# Details

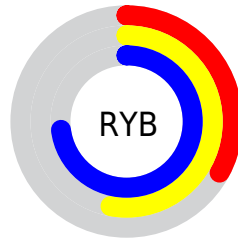
The Decimal color **5487290** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12211027**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9368306**, and **33925** is the 20% darker color. If you saturate the color by 10%, you get **4242106**, and if you desaturate by 10%, it is **6732474**.

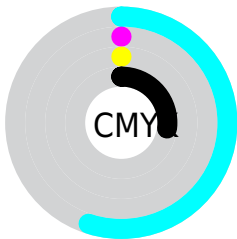
# Distribution



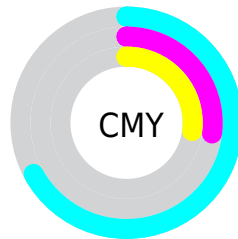
- Red (33%)
- Green (73%)
- Blue (73%)



- Red (33%)
- Yellow (53%)
- Blue (73%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5487290 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 5487290 by changing the saturation by 10% instead.





5487290



5487290

16777215



3383199



9368306



33925



11272191



27500



13172735



21076



15138815



14908



9511



275



0



5487290



5487290

■ 4242106

■ 6732474

■ 3062458

■ 7912122

■ 1817274

■ 9157306

■ 637626

■ 10336954

■ 47802

■ 11582138

■ 12827322

■ 14006970

■ 15252154

■ 16431802

# Harmonies

## Analogous

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



7190941



5487290



5486547

# Triad

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



5487290



12754641



13215092

# Complementary

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



5487290



12211027

# 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.



14457987



5487290



14325688

# Square

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



5487290



10332384



14915228



11447924

# Rectangle

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



5487290



6730718



14915228



13738360



# Sweetspot

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



5487290



13234930



5487187



6453882



16448250



8026746



# Same Dimension

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



5487290



5436146



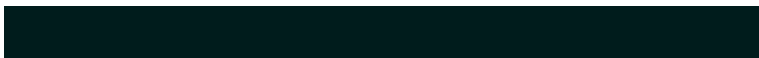
5474234



5463132



40092



7196



# Inverse Universe

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



12211130



15880946



12224339



6050652



10223772

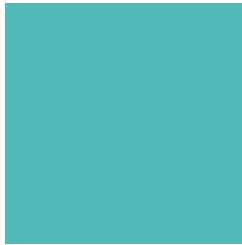


1835036



# Previews

## White Background



This preview shows how the Decimal color 5487290 looks on a white background.

## Color Contrast Check

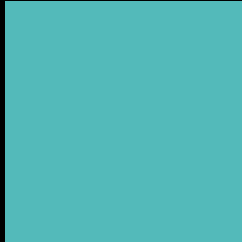
Large Text (above 18pt) WCAG AA × Fail

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 5487290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

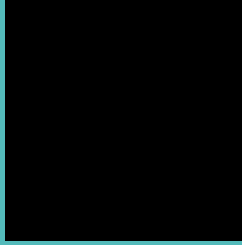
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

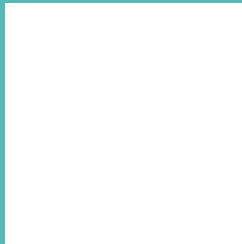
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5487290 Background



This preview shows how black text looks on a background with the Decimal color 5487290.



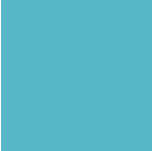
This preview shows how white text looks on a background with the Decimal color 5487290.

# 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



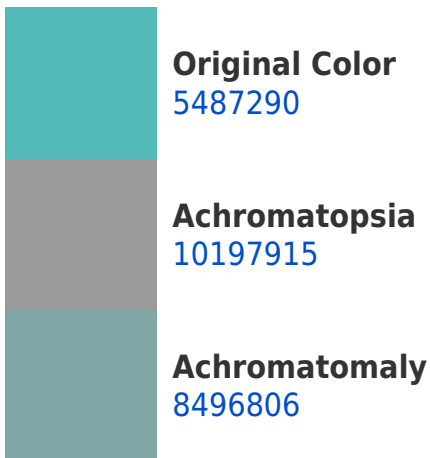


**Tritanopia**  
5814471

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5487290 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 #53BABA looks like.

```
.text, #text, p{  
  color:#53BABA  
}
```

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 #53BABA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BABA
}
```

## Border

The CSS property to change the border of an element to Decimal 5487290 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
#53BABA }
```

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

```
.border{ border-color:#53BABA }
```

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

Here you see how a box with a 4 pixel #53BABA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BABA; -webkit-box-shadow:4px 4px  
4px 4px #53BABA; box-shadow:4px 4px 4px  
4px #53BABA }
```

# Background

The CSS property to change the background color of an element to Decimal 5487290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BABA }
```

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

```
.background{ background-color:#53BABA }
```

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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