

# Converting Colors

Decimal(4636350)

Have a look what the booklet for  
Decimal(4636350) contains.

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# Color

**Decimal(4636350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46BEBE
RGB	70, 190, 190
RGB Percent	27%, 75%, 75%
CMY	0.7255, 0.2549, 0.2549
CMYK	0.63, 0.00, 0.00, 0.25
HSL	180°, 48%, 51%
HSV	180°, 63%, 75%
XYZ	30.2335, 41.8467, 55.1989
YIQ	154.1200, -71.5200, -25.4400

# Conversions

## Conversions Part 2

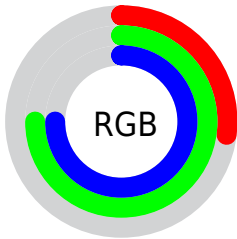
Format	Color
<a href="#">RYB</a>	<a href="#">70, 130, 190</a>
Decimal	<a href="#">4636350</a>
CIELab	<a href="#">70.77, -32.67, -9.88</a>
CIElCh	<a href="#">71, 34.135, 196.821</a>
Yxy	<a href="#">41.8467, 0.2375, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4282826430 (0xFF46BEBE)</a>
YUV	<a href="#">154.1200, 17.6888, -73.7732</a>
Hunter-Lab	<a href="#">64.6890, -29.7808, -5.3096</a>

# Details

The Decimal color **4636350** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **12469830**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **8714230**, and **34953** is the 20% darker color. If you saturate the color by 10%, you get **3391166**, and if you desaturate by 10%, it is **5881534**.

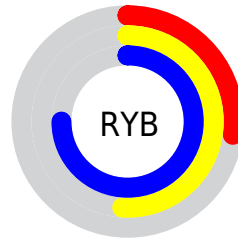
# Distribution



Red (27%)

Green (75%)

Blue (75%)



Red (27%)

Yellow (51%)

Blue (75%)

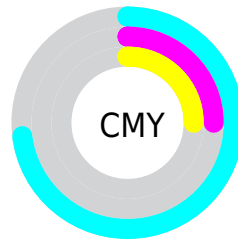


Cyan (63%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (73%)

Magenta (25%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4636350 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 4636350 by changing the saturation by 10% instead.





4636350



4636350

16777215



2007971



8714230



34953



10682367



28271



12648447



21847



14614527



15680



16580607



10282



1558



0



4636350



4636350

■ 3391166

■ 5881534

■ 2145982

■ 7126718

■ 900798

■ 8371902

■ 48830

■ 9617086

■ 10862270

■ 12107454

■ 13352638

■ 14597822

■ 15843006

# Harmonies

## Analogous

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



6864286



4636350



4504537

# Triad

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



4636350



13082584



13608817

# Complementary

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



4636350



12469830

# 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.



14916737



4636350



14784444

# Square

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



4636350



10398440



15439517



11645297

# Rectangle

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



4636350



6141925



15439517



14132085

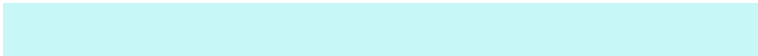


# Sweetspot

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



4636350



13170679



4636230



6323581



16579836



8224125



# Same Dimension

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



4636350



3930103



4620990



5594718



40606



7967



# Inverse Universe

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



12469950



16202743



12485190



6182238



10354846



2031647



# Previews

## White Background



This preview shows how the Decimal color 4636350 looks on a white background.

## Color Contrast Check

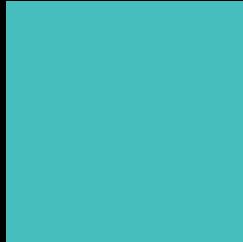
Large Text (above 18pt) WCAG AA × Fail

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 4636350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

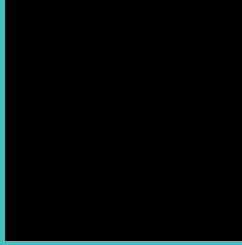
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

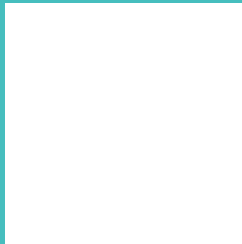
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4636350 Background



This preview shows how black text looks on a background with the Decimal color 4636350.



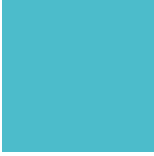
This preview shows how white text looks on a background with the Decimal color 4636350.

# 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**  
5029067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4636350 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 #46BEBE looks like.

```
.text, #text, p{  
  color:#46BEBE  
}
```

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 #46BEBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46BEBE
}
```

## Border

The CSS property to change the border of an element to Decimal 4636350 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
#46BEBE }
```

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

```
.border{ border-color:#46BEBE }
```

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

Here you see how a box with a 4 pixel #46BEBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46BEBE; -webkit-box-shadow:4px 4px  
4px 4px #46BEBE; box-shadow:4px 4px 4px  
4px #46BEBE }
```

# Background

The CSS property to change the background color of an element to Decimal 4636350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46BEBE }
```

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

```
.background{ background-color:#46BEBE }
```

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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