

# Converting Colors

Decimal(5691056)

Have a look what the booklet for  
Decimal(5691056) contains.

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# **Color**

**Decimal(5691056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56D6B0
RGB	86, 214, 176
RGB Percent	34%, 84%, 69%
CMY	0.6627, 0.1608, 0.3098
CMYK	0.60, 0.00, 0.18, 0.16
HSL	162°, 61%, 59%
HSV	162°, 60%, 84%
XYZ	35.7208, 53.2062, 49.4614
YIQ	171.3960, -64.0900, -38.9540

# Conversions

## Conversions Part 2

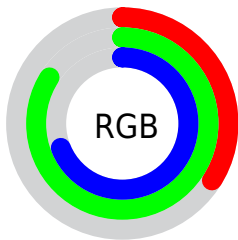
Format	Color
<a href="#">RYB</a>	<a href="#">86, 161, 214</a>
Decimal	<a href="#">5691056</a>
CIELab	<a href="#">78.00, -44.33, 8.32</a>
CIELCh	<a href="#">78, 45.106, 169.372</a>
Yxy	<a href="#">53.2062, 0.2581, 0.3845</a>
Android (android.graphics.Color)	<a href="#">4283881136</a> ( <a href="#">0xFF56D6B0</a> )
YUV	<a href="#">171.3960, 2.2698, -74.8923</a>
Hunter-Lab	<a href="#">72.9426, -40.2360, 10.8560</a>

# Details

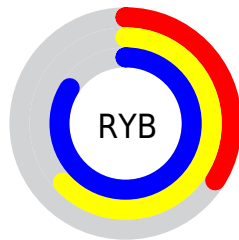
The Decimal color **5691056** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **14046844**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **9699304**, and **40572** is the 20% darker color. If you saturate the color by 10%, you get **4314794**, and if you desaturate by 10%, it is **7067318**.

# Distribution



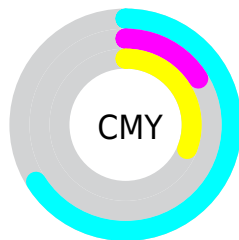
- Red (34%)
- Green (84%)
- Blue (69%)



- Red (34%)
- Yellow (63%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5691056 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 5691056 by changing the saturation by 10% instead.



 5691056


 5691056

16777215

 3455637

 9699304

 40572

 11599871

 33891

 13565951

 27211

 15532031

 20788

 14367

 8967

 0

 5691056

 5691056

4314794

7067318

2872995

8509117

1496733

9885379

54935

11327177

54934

12703440

14079702

15521500

16766691

16766697

# Harmonies

## Analogous

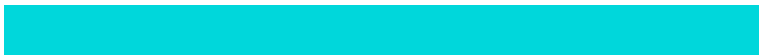
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9556361



5691056



55259

# Triad

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



5691056



11517183



16755587

# Complementary

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



5691056



14046844

# 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.



16753063



5691056



15183096

# Square

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



5691056



6539775



16753106



15317358

# Rectangle

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



5691056



54773



16753106



16754318

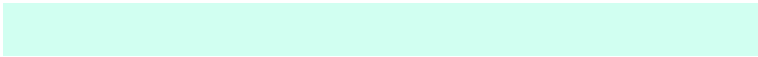


# Sweetspot

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



5691056



13762545



8181334



6520951



0



8421504



# Same Dimension

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



5691056



4718536



5684438



6318952



43896



11038



# Inverse Universe

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



14046844



16729982



14053462



7037028



11206707

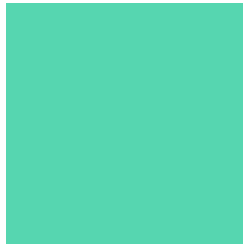


2818061



# Previews

## White Background



This preview shows how the Decimal color 5691056 looks on a white background.

## Color Contrast Check

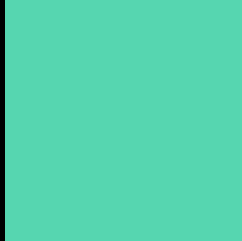
Large Text (above 18pt) WCAG AA × Fail

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 5691056 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

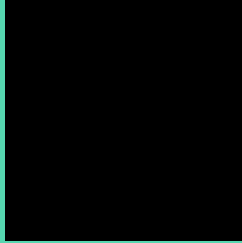
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

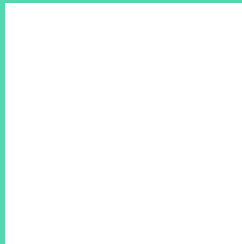
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5691056 Background



This preview shows how black text looks on a background with the Decimal color 5691056.



This preview shows how white text looks on a background with the Decimal color 5691056.

# 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**  
6803424

# Trichromacy



**Original Color**

5691056



**Protanomaly**

10471336



**Deuteranomaly**

10994868



**Tritanomaly**

6410959

# Monochromacy



**Original Color**

5691056



**Achromatopsia**

11250603



**Achromatomaly**

9223085

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5691056 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 #56D6B0 looks like.

```
.text, #text, p{  
    color:#56D6B0  
}
```

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 #56D6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D6B0
}
```

## Border

The CSS property to change the border of an element to Decimal 5691056 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
#56D6B0 }
```

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

```
.border{ border-color:#56D6B0 }
```

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

Here you see how a box with a 4 pixel #56D6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D6B0; -webkit-box-shadow:4px 4px  
4px 4px #56D6B0; box-shadow:4px 4px 4px  
4px #56D6B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 5691056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D6B0 }
```

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

```
.background{ background-color:#56D6B0 }
```

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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