

# Converting Colors

Decimal(6536086)

Have a look what the booklet for  
Decimal(6536086) contains.

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# Color

**Decimal(6536086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63BB96
RGB	99, 187, 150
RGB Percent	39%, 73%, 59%
CMY	0.6118, 0.2667, 0.4118
CMYK	0.47, 0.00, 0.20, 0.27
HSL	155°, 39%, 56%
HSV	155°, 47%, 73%
XYZ	28.4209, 40.3953, 35.1533
YIQ	156.4700, -40.5710, -30.1630

# Conversions

## Conversions Part 2

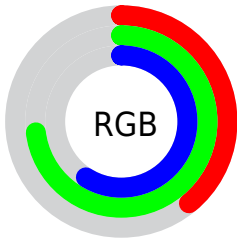
Format	Color
<a href="#">RYB</a>	<a href="#">99, 155, 187</a>
Decimal	<a href="#">6536086</a>
CIELab	<a href="#">69.75, -35.26, 10.64</a>
CIElCh	<a href="#">70, 36.832, 163.207</a>
Yxy	<a href="#">40.3953, 0.2734, 0.3885</a>
Android (android.graphics.Color)	<a href="#">4284726166 (0xFF63BB96)</a>
YUV	<a href="#">156.4700, -3.1897, -50.4012</a>
Hunter-Lab	<a href="#">63.5573, -31.4054, 11.6970</a>

# Details

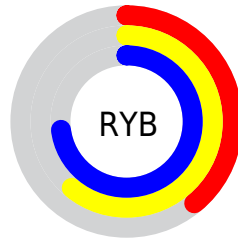
The Decimal color **6536086** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12280712**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **10155212**, and **2786659** is the 20% darker color. If you saturate the color by 10%, you get **5290894**, and if you desaturate by 10%, it is **7781278**.

# Distribution



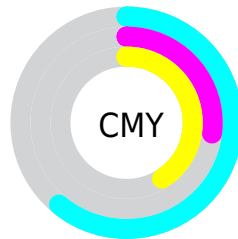
- Red (39%)
- Green (73%)
- Blue (59%)



- Red (39%)
- Yellow (61%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6536086 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 6536086 by changing the saturation by 10% instead.





6536086



6536086

16777215



4694140



10155212



2786659



12058600



27467



13893631



21301



15859711



15135



9736



0



6536086



6536086



5290894



7781278

■ 4111238

■ 8960934

■ 2866046

■ 10206126

■ 1620855

■ 11451317

■ 441199

■ 12696509

■ 47980

■ 13876165

■ 15121357

■ 16366549

■ 16759773

# Harmonies

## Analogous

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



9287289



6536086



3521721

# Triad

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



6536086



9611755



15112062

# Complementary

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



6536086



12280712

# 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.



15503773



6536086



12688603

# Square

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



6536086



5944298



14717887



13738603

# Rectangle

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



6536086



2210766



14717887



15373447



# Sweetspot

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



6536086



13693668



9026403



6716018



16448250



8026746



# Same Dimension

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



6536086



7074489



6534587



5594714



40540



7954



# Inverse Universe

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



12280712



15887268



12282211



6182233



10354754

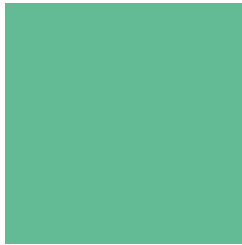


2031629



# Previews

## White Background



This preview shows how the Decimal color 6536086 looks on a white background.

## Color Contrast Check

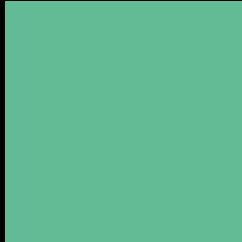
Large Text (above 18pt) WCAG AA × Fail

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 6536086 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

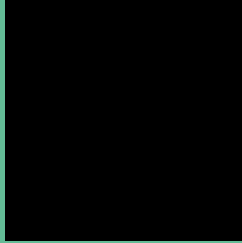
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6536086 Background



This preview shows how black text looks on a background with the Decimal color 6536086.

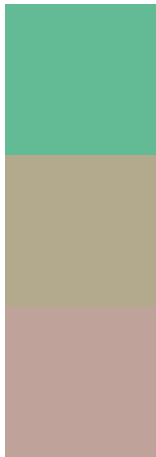


This preview shows how white text looks on a background with the Decimal color 6536086.

# 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



**Original Color**  
6536086

**Protanopia**  
11774349

**Deuteranopia**  
12559259



**Tritanopia**  
7321027

# Trichromacy



**Original Color**  
6536086



**Protanomaly**  
9875600



**Deuteranomaly**  
10398873



**Tritanomaly**  
7059379

# Monochromacy



**Original Color**  
6536086



**Achromatopsia**  
10263708



**Achromatomaly**  
8890266

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6536086 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 #63BB96 looks like.

```
.text, #text, p{  
    color:#63BB96  
}
```

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 #63BB96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BB96
}
```

## Border

The CSS property to change the border of an element to Decimal 6536086 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
#63BB96 }
```

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

```
.border{ border-color:#63BB96 }
```

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

Here you see how a box with a 4 pixel #63BB96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BB96; -webkit-box-shadow:4px 4px  
4px 4px #63BB96; box-shadow:4px 4px 4px  
4px #63BB96 }
```

# Background

The CSS property to change the background color of an element to Decimal 6536086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BB96 }
```

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

```
.background{ background-color:#63BB96 }
```

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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