

# Converting Colors

Decimal(6470790)

Have a look what the booklet for  
Decimal(6470790) contains.

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# **Color**

**Decimal(6470790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62BC86
RGB	98, 188, 134
RGB Percent	38%, 74%, 53%
CMY	0.6157, 0.2627, 0.4745
CMYK	0.48, 0.00, 0.29, 0.26
HSL	144°, 40%, 56%
HSV	144°, 48%, 74%
XYZ	27.3233, 40.2843, 28.8898
YIQ	154.9340, -36.3060, -35.8740

# Conversions

## Conversions Part 2

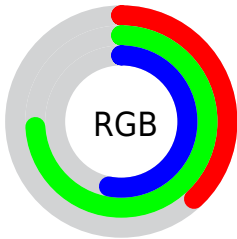
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 162, 188
Decimal	6470790
CIELab	69.67, -39.28, 19.19
CIELCh	70, 43.721, 153.961
Yxy	40.2843, 0.2832, 0.4175
Android (android.graphics.Color)	4284660870 (0xFF62BC86)
YUV	154.9340, -10.3205, -49.9311
Hunter-Lab	63.4699, -34.2296, 17.4417

# Details

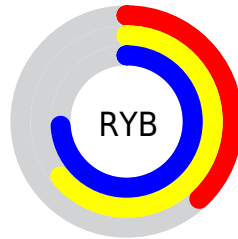
The Decimal color **6470790** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12346008**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **10089915**, and **2655828** is the 20% darker color. If you saturate the color by 10%, you get **5225595**, and if you desaturate by 10%, it is **7715985**.

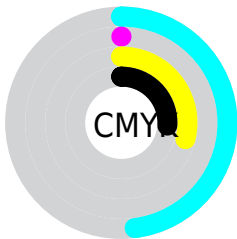
# Distribution



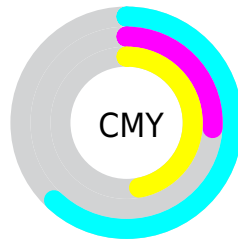
- Red (38%)
- Green (74%)
- Blue (53%)



- Red (38%)
- Yellow (64%)
- Blue (74%)



- Cyan (48%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)



- Cyan (62%)
- Magenta (26%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6470790 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 6470790 by changing the saturation by 10% instead.



■ 6470790

■ 6470790

16777215

■ 4628845

■ 10089915

■ 2655828

■ 11993047

■ 27709

■ 13828084

■ 21286

■ 15794175

■ 15121

■ 9728

■ 0

■ 6470790

■ 6470790

■ 5225595

■ 7715985

■ 3980399

■ 8961181

■ 2800740

■ 10140840

■ 1555545

■ 11386035

■ 310350

■ 12631230

■ 48203

■ 13876426

■ 15121621

■ 16301280

■ 16760044

# Harmonies

## Analogous

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



9745767



6470790



49070

# Triad

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



6470790



7711993



15961984

# Complementary

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



6470790



12346008

# 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.



16091814



6470790



11902700

# Square

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



6470790



47345



14717134



14654563

# Rectangle

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



6470790



49097



14717134



16157836

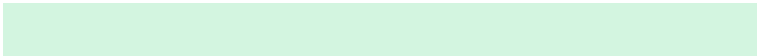


# Sweetspot

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



6470790



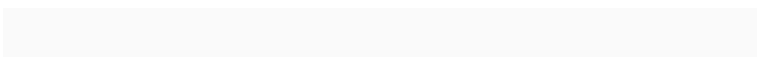
13891040



10009698



6716014



16448250



8026746



# Same Dimension

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



6470790



6944161



6470835



5594713



40511



7948



# Inverse Universe

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



12346008



16083389



12345963



6182235



10354783



2031634



# Previews

## White Background



This preview shows how the Decimal color 6470790 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 6470790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

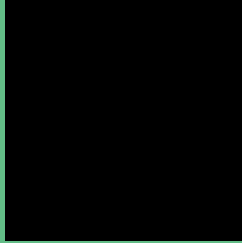
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6470790 Background



This preview shows how black text looks on a background with the Decimal color 6470790.



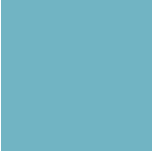
This preview shows how white text looks on a background with the Decimal color 6470790.

# 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**  
7451843

# Trichromacy



**Original Color**  
6470790



**Protanomaly**  
9941120



**Deuteranomaly**  
10529930



**Tritanomaly**  
7124909

# Monochromacy



**Original Color**  
6470790



**Achromatopsia**  
10197915



**Achromatomaly**  
8824723

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6470790 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 #62BC86 looks like.

```
.text, #text, p{  
    color:#62BC86  
}
```

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 #62BC86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BC86
}
```

## Border

The CSS property to change the border of an element to Decimal 6470790 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
#62BC86 }
```

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

```
.border{ border-color:#62BC86 }
```

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

Here you see how a box with a 4 pixel #62BC86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BC86; -webkit-box-shadow:4px 4px  
4px 4px #62BC86; box-shadow:4px 4px 4px  
4px #62BC86 }
```

# Background

The CSS property to change the background color of an element to Decimal 6470790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BC86 }
```

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

```
.background{ background-color:#62BC86 }
```

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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