

# Converting Colors

Decimal(6010250)

Have a look what the booklet for  
Decimal(6010250) contains.

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# **Color**

**Decimal(6010250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB58A
RGB	91, 181, 138
RGB Percent	36%, 71%, 54%
CMY	0.6431, 0.2902, 0.4588
CMYK	0.50, 0.00, 0.24, 0.29
HSL	151°, 38%, 53%
HSV	151°, 50%, 71%
XYZ	25.4257, 37.1069, 29.8670
YIQ	149.1880, -39.8370, -32.4530

# Conversions

## Conversions Part 2

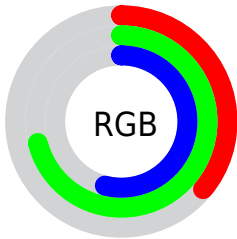
Format	Color
<a href="#">RYB</a>	<a href="#">91, 150, 181</a>
Decimal	<a href="#">6010250</a>
CIELab	<a href="#">67.36, -37.13, 13.77</a>
CIELCh	<a href="#">67, 39.602, 159.653</a>
Yxy	<a href="#">37.1069, 0.2752, 0.4016</a>
Android (android.graphics.Color)	<a href="#">4284200330 (0xFF5BB58A)</a>
YUV	<a href="#">149.1880, -5.5157, -51.0309</a>
Hunter-Lab	<a href="#">60.9154, -32.0972, 13.5707</a>

# Details

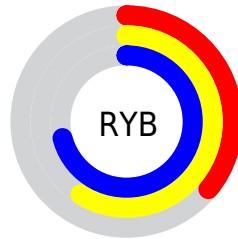
The Decimal color **6010250** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11885446**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9629120**, and **2129752** is the 20% darker color. If you saturate the color by 10%, you get **4830593**, and if you desaturate by 10%, it is **7189907**.

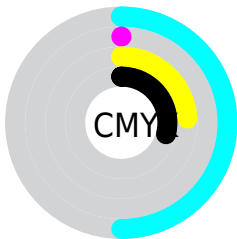
# Distribution



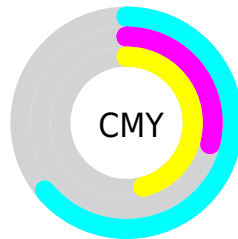
- Red (36%)
- Green (71%)
- Blue (54%)



- Red (36%)
- Yellow (59%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6010250 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 6010250 by changing the saturation by 10% instead.



6010250

6010250

16777215

4168305

9629120

2129752

11534299

26176

13369336

19754

15269887

13589

8448

0

6010250

6010250

4830593

7189907

 3650937


 8369563

 2471280

 9549220

 1291623

 10728877

 111967

 11974069

 46431

 13153726

 14333383

 15513039

 16692696

# Harmonies

## Analogous

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



9023340



6010250



1488815

# Triad

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



6010250



8561898



14978680

# Complementary

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



6010250



11885446

# 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.



15304858



6010250



12031707

# Square

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



6010250



3976934



14322622



13605217

# Rectangle

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



6010250



46790



14322622



15240067



# Sweetspot

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



6010250



13102042



8893787



6321515



16119285



7697781



# Same Dimension

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



6010250



6220711



6010037



5265749



39248



6669



# Inverse Universe

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



11885446



15425185



11885915



5853269



10027081



1703948



# Previews

## White Background



This preview shows how the Decimal color 6010250 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 6010250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

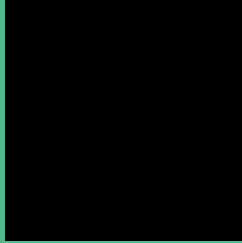
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6010250 Background



This preview shows how black text looks on a background with the Decimal color 6010250.



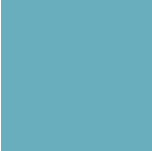
This preview shows how white text looks on a background with the Decimal color 6010250.

# 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**  
6926012

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6010250 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 #5BB58A looks like.

```
.text, #text, p{  
  color:#5BB58A  
}
```

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 #5BB58A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB58A
}
```

## Border

The CSS property to change the border of an element to Decimal 6010250 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
#5BB58A }
```

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

```
.border{ border-color:#5BB58A }
```

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

Here you see how a box with a 4 pixel #5BB58A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB58A; -webkit-box-shadow:4px 4px  
4px 4px #5BB58A; box-shadow:4px 4px 4px  
4px #5BB58A }
```

# Background

The CSS property to change the background color of an element to Decimal 6010250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB58A }
```

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

```
.background{ background-color:#5BB58A }
```

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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