

# Converting Colors

Decimal(6130042)

Have a look what the booklet for  
Decimal(6130042) contains.

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# Color

**Decimal(6130042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D897A
RGB	93, 137, 122
RGB Percent	36%, 54%, 48%
CMY	0.6353, 0.4627, 0.5216
CMYK	0.32, 0.00, 0.11, 0.46
HSL	160°, 19%, 45%
HSV	160°, 32%, 54%
XYZ	16.9727, 21.6236, 21.6916
YIQ	122.1340, -21.4090, -13.9930

# Conversions

## Conversions Part 2

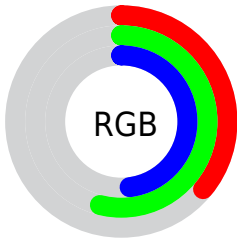
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 120, 137
Decimal	6130042
CIE <sub>Lab</sub>	53.63, -18.55, 3.24
CIE <sub>LCh</sub>	54, 18.827, 170.105
Yxy	21.6236, 0.2815, 0.3587
Android (android.graphics.Color)	4284320122 (0xFF5D897A)
YUV	122.1340, -0.0661, -25.5505
Hunter-Lab	46.5012, -16.2255, 4.8936

# Details

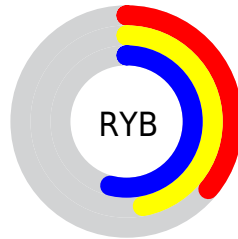
The Decimal color **6130042** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9002348**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9551790**, and **2905929** is the 20% darker color. If you saturate the color by 10%, you get **5212533**, and if you desaturate by 10%, it is **7047551**.

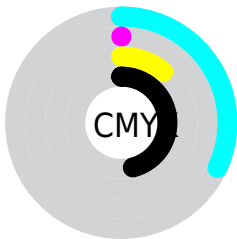
# Distribution



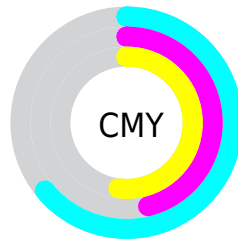
- Red (36%)
- Green (54%)
- Blue (48%)



- Red (36%)
- Yellow (47%)
- Blue (54%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6130042 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 6130042 by changing the saturation by 10% instead.



6130042

6130042

16777215

4484961

9551790

2905929

11328202

1326899

13105126

10526

15007743

5381

0

6130042

6130042

5212533

7047551

4360561

7899523

■ 3443052

■ 8817032

■ 2525543

■ 9734541

■ 1608035

■ 10652049

■ 756062

■ 11504022

■ 35162

■ 12421531

■ 13339039

■ 14191012

# Harmonies

## Analogous

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



7243627



6130042



5409163

# Triad

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



6130042



8158878



10319976

# Complementary

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



6130042



9002348

# 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.



10646902



6130042



9468053

# Square

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



6130042



6718368



10319238



9534816

# Rectangle

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



6130042



5474452



10319238



10450796



# Sweetspot

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



6130042



10597292



7113053



5200214



14277081



5855577



# Same Dimension

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



6130042



7189403



6128265



4080963



34135



1283



# Inverse Universe

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



9002348



11758981



9004125



4537920



8716333



327682



# Previews

## White Background



This preview shows how the Decimal color 6130042 looks on a white background.

## Color Contrast Check

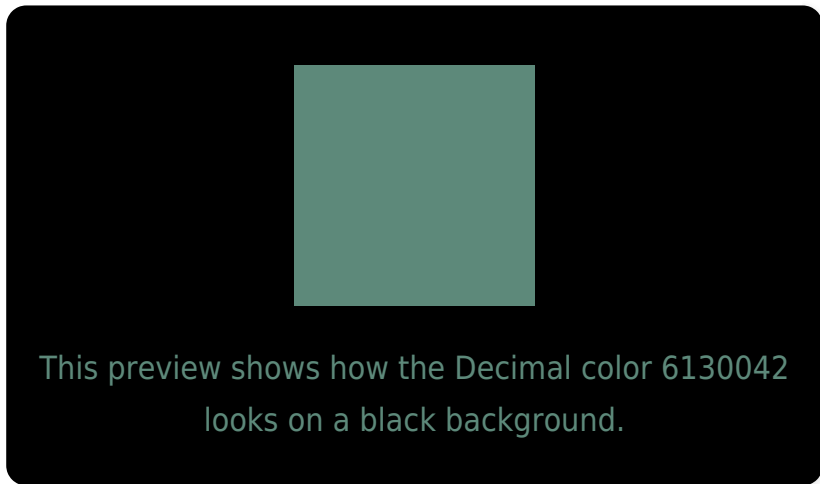
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

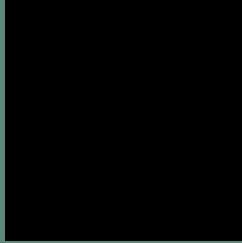
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6130042 Background



This preview shows how black text looks on a background with the Decimal color 6130042.

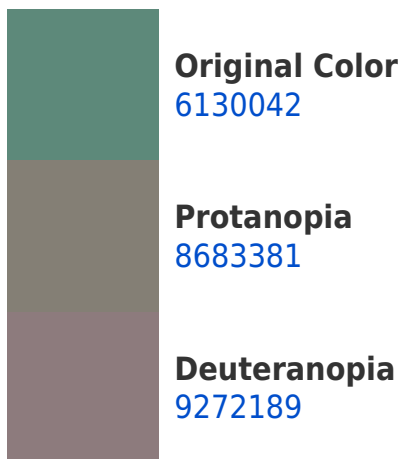



This preview shows how white text looks on a background with the Decimal color 6130042.

# 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**  
6456976

# Trichromacy



**Original Color**  
6130042

**Protanomaly**  
7766903

**Deuteranomaly**  
8159356

**Tritanomaly**  
6326152

# Monochromacy



**Original Color**  
6130042

**Achromatopsia**  
8026746

**Achromatomaly**  
7307130

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6130042 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 #5D897A looks like.

```
.text, #text, p{  
    color:#5D897A  
}
```

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 #5D897A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D897A
}
```

## Border

The CSS property to change the border of an element to Decimal 6130042 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
#5D897A }
```

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

```
.border{ border-color:#5D897A }
```

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

Here you see how a box with a 4 pixel #5D897A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D897A; -webkit-box-shadow:4px 4px  
4px 4px #5D897A; box-shadow:4px 4px 4px  
4px #5D897A }
```

# Background

The CSS property to change the background color of an element to Decimal 6130042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D897A }
```

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

```
.background{ background-color:#5D897A }
```

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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