

# Converting Colors

Decimal(6135957)

Have a look what the booklet for  
Decimal(6135957) contains.

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# Color

**Decimal(6135957)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DA095
RGB	93, 160, 149
RGB Percent	36%, 63%, 58%
CMY	0.6353, 0.3725, 0.4157
CMYK	0.42, 0.00, 0.07, 0.37
HSL	170°, 26%, 50%
HSV	170°, 42%, 63%
XYZ	22.5098, 29.6387, 32.9682
YIQ	138.7130, -36.4010, -17.6250

# Conversions

## Conversions Part 2

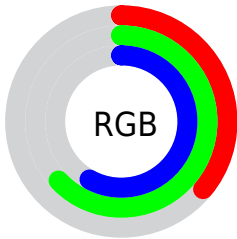
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 129, 160
Decimal	6135957
CIE <sub>Lab</sub>	61.34, -24.02, -0.95
CIE <sub>LCh</sub>	61, 24.038, 182.272
Yxy	29.6387, 0.2645, 0.3482
Android (android.graphics.Color)	4284326037 (0xFF5DA095)
YUV	138.7130, 5.0715, -40.0903
Hunter-Lab	54.4414, -21.4684, 2.2046

# Details

The Decimal color **6135957** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10509672**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **9689035**, and **2583650** is the 20% darker color. If you saturate the color by 10%, you get **5087378**, and if you desaturate by 10%, it is **7184536**.

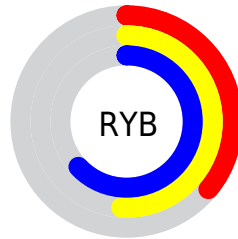
# Distribution



Red (36%)

Green (63%)

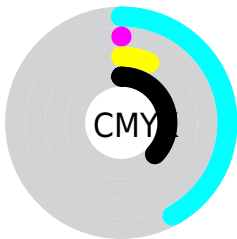
Blue (58%)



Red (36%)

Yellow (51%)

Blue (63%)

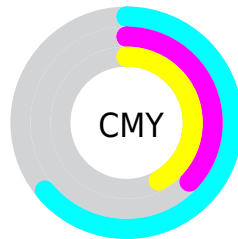


Cyan (42%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (64%)

Magenta (37%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6135957 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 6135957 by changing the saturation by 10% instead.



6135957

6135957

16777215

4425339

9689035

2583650

11465959

283723

13369343

15412

15204351

9759

2311

0

6135957

6135957

5087378

7184536

■ 4038800

■ 8233114

■ 2990221

■ 9281693

■ 1941642

■ 10330272

■ 893064

■ 11378850

■ 41094

■ 12427429

■ 13476007

■ 14524586

■ 15573165

# Harmonies

## Analogous

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



7511680



6135957



5545898

# Triad

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



6135957



10063544



11832431

# Complementary

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



6135957



10509672

# 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.



12486270



6135957



11634856

# Square

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



6135957



8164798



12420499



10654570

# Rectangle

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



6135957



5938613



12420499



12094067



# Sweetspot

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



6135957



11981261



6856797



5794150



15263976



6908265



# Same Dimension

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



6135957



6934976



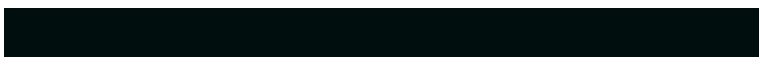
6130336



4673358



36727



3853



# Inverse Universe

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



10509672



13724026



10515293



5195592



9371671

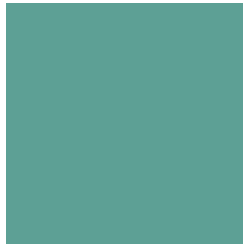


983043



# Previews

## White Background



This preview shows how the Decimal color 6135957 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



This preview shows how the Decimal color 6135957 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 × Fail

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



## Decimal 6135957 Background



This preview shows how black text looks on a background with the Decimal color 6135957.

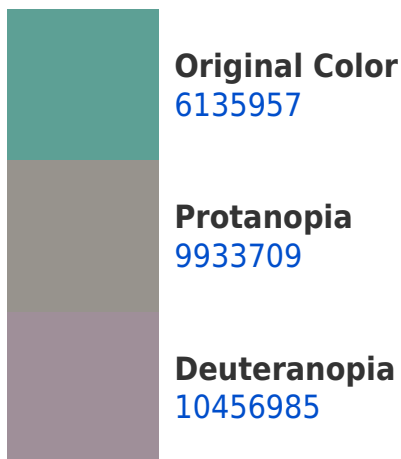


This preview shows how white text looks on a background with the Decimal color 6135957.

# 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**  
6528426

# Trichromacy



**Original Color**  
6135957

**Protanomaly**  
8558736

**Deuteranomaly**  
8885656

**Tritanomaly**  
6397602

# Monochromacy



**Original Color**  
6135957

**Achromatopsia**  
9145227

**Achromatomaly**  
8033167

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6135957 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 #5DA095 looks like.

```
.text, #text, p{  
    color:#5DA095  
}
```

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 #5DA095 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA095
}
```

## Border

The CSS property to change the border of an element to Decimal 6135957 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
#5DA095 }
```

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

```
.border{ border-color:#5DA095 }
```

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

Here you see how a box with a 4 pixel #5DA095 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA095; -webkit-box-shadow:4px 4px  
4px 4px #5DA095; box-shadow:4px 4px 4px  
4px #5DA095 }
```

# Background

The CSS property to change the background color of an element to Decimal 6135957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA095 }
```

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

```
.background{ background-color:#5DA095 }
```

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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