

# Converting Colors

Decimal(6006441)

Have a look what the booklet for  
Decimal(6006441) contains.

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# Color

**Decimal(6006441)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA6A9
RGB	91, 166, 169
RGB Percent	36%, 65%, 66%
CMY	0.6431, 0.3490, 0.3373
CMYK	0.46, 0.02, 0.00, 0.34
HSL	182°, 31%, 51%
HSV	182°, 46%, 66%
XYZ	25.1120, 32.3612, 42.4589
YIQ	143.9170, -45.6630, -14.9670

# Conversions

## Conversions Part 2

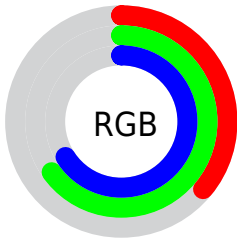
Format	Color
<b>RYB</b>	91, 129, 169
Decimal	6006441
CIELab	63.64, -22.44, -8.81
CIELCh	64, 24.106, 201.426
Yxy	32.3612, 0.2513, 0.3238
Android (android.graphics.Color)	4284196521 (0xFF5BA6A9)
YUV	143.9170, 12.3659, -46.4082
Hunter-Lab	56.8869, -20.7553, -4.4317

# Details

The Decimal color **6006441** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11099739**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **9625056**, and **2191989** is the 20% darker color. If you saturate the color by 10%, you get **4892073**, and if you desaturate by 10%, it is **7120809**.

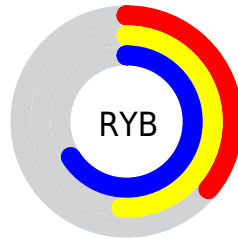
# Distribution



Red (36%)

Green (65%)

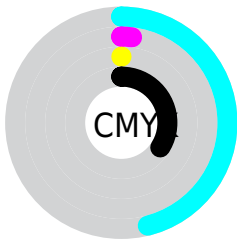
Blue (66%)



Red (36%)

Yellow (51%)

Blue (66%)

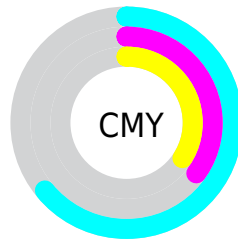


Cyan (46%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (64%)

Magenta (35%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6006441 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 6006441 by changing the saturation by 10% instead.





6006441



6006441

16777215



4164495



9625056



2191989



11467517



22876



13369343



16709



15269887



11055



5658



0



6006441



6006441



4892073



7120809

■ 3777961

■ 8234921

■ 2663593

■ 9349289

■ 1549225

■ 10463657

■ 435113

■ 11512233

■ 41897

■ 12626601

■ 13740969

■ 14855081

■ 15969449

# Harmonies

## Analogous

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



6989459



6006441



6267835

# Triad

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



6006441



11571381



11573104

# Complementary

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



6006441



11099739

# 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.



12554361



6006441



12684193

# Square

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



6006441



9803714



13011851



10133106

# Rectangle

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



6006441



7250114



13011851



11965554



# Sweetspot

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



6006441



12442331



6007134



5991790



15592941



7237230



# Same Dimension

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



6006441



6543323



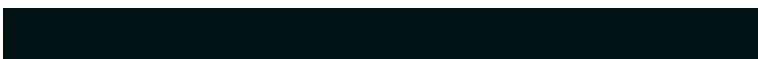
5996457



5002324



36500



5140



# Inverse Universe

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



11099046



14377943



11109723



5524564



9699470

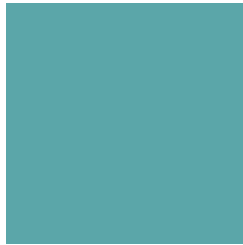


1310740



# Previews

## White Background



This preview shows how the Decimal color 6006441 looks on a white background.

## Color Contrast Check

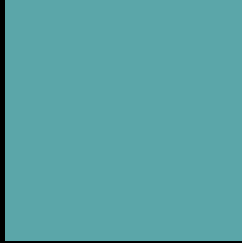
Large Text (above 18pt) WCAG AA × Fail

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 6006441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

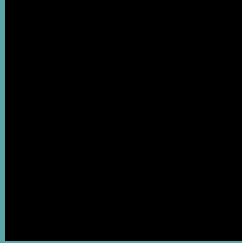
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6006441 Background



This preview shows how black text looks on a background with the Decimal color 6006441.



This preview shows how white text looks on a background with the Decimal color 6006441.

# 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





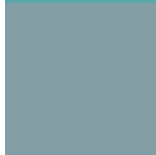
**Tritanopia**  
6202802

# Trichromacy



**Original Color**

6006441



**Protanomaly**

8625572



**Deuteranomaly**

8821676



**Tritanomaly**

6137263

# Monochromacy



**Original Color**

6006441



**Achromatopsia**

9474192



**Achromatomaly**

8231065

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6006441 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 #5BA6A9 looks like.

```
.text, #text, p{  
  color:#5BA6A9  
}
```

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 #5BA6A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA6A9
}
```

## Border

The CSS property to change the border of an element to Decimal 6006441 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
#5BA6A9 }
```

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

```
.border{ border-color:#5BA6A9 }
```

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

Here you see how a box with a 4 pixel #5BA6A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA6A9; -webkit-box-shadow:4px 4px  
4px 4px #5BA6A9; box-shadow:4px 4px 4px  
4px #5BA6A9 }
```

# Background

The CSS property to change the background color of an element to Decimal 6006441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA6A9 }
```

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

```
.background{ background-color:#5BA6A9 }
```

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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