

# Converting Colors

Decimal(6262873)

Have a look what the booklet for  
Decimal(6262873) contains.

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**Color**

**Decimal(6262873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9059
RGB	95, 144, 89
RGB Percent	37%, 56%, 35%
CMY	0.6275, 0.4353, 0.6510
CMYK	0.34, 0.00, 0.38, 0.44
HSL	113°, 24%, 46%
HSV	113°, 38%, 56%
XYZ	16.4957, 23.1007, 13.0407
YIQ	123.0790, -11.5490, -27.4930

# Conversions

## Conversions Part 2

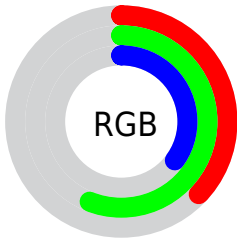
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 144, 138
Decimal	6262873
CIELab	55.18, -27.89, 24.13
CIElCh	55, 36.883, 139.135
Yxy	23.1007, 0.3134, 0.4389
Android (android.graphics.Color)	4284452953 (0xFF5F9059)
YUV	123.0790, -16.8009, -24.6253
Hunter-Lab	48.0632, -22.8476, 17.5575

# Details

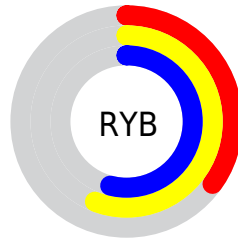
The Decimal color **6262873** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9066896**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **9684620**, and **2972970** is the 20% darker color. If you saturate the color by 10%, you get **5410891**, and if you desaturate by 10%, it is **7114855**.

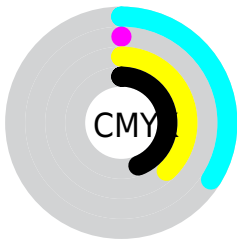
# Distribution



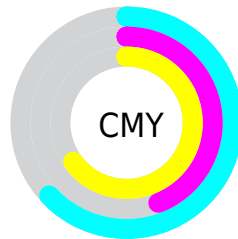
- Red (37%)
- Green (56%)
- Blue (35%)



- Red (35%)
- Yellow (56%)
- Blue (54%)



- Cyan (34%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6262873 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 6262873 by changing the saturation by 10% instead.





6262873



6262873

16777215



4617793



9684620



2972970



11461286



1262868



13303745



11776



15204317



6912



16777210



0



6262873



6262873



5410891



7114855



4558908



7966838

■ 3772462

■ 8753284

■ 2920479

■ 9605267

■ 2068497

■ 10457249

■ 1216515

■ 11309231

■ 1085440

■ 12161214

■ 13013196

■ 13799643

# Harmonies

## Analogous

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



8685894



6262873



3052663

# Triad

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



6262873



3574722



12675953

# Complementary

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



6262873



9066896

# 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.



12217233



6262873



7700672

# Square

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



6262873



37556



10515630



12088149

# Rectangle

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



6262873



38285



10515630



12675707



# Sweetspot

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



6262873



11057830



9472601



5463634



14606046



6184542



# Same Dimension

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



6262873



7256677



5869678



4278080



1017600



67584



# Inverse Universe

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



9066896



11625914



9460091



4669511



7864455



458760



# Previews

## White Background



This preview shows how the Decimal color 6262873 looks on a white background.

## Color Contrast Check

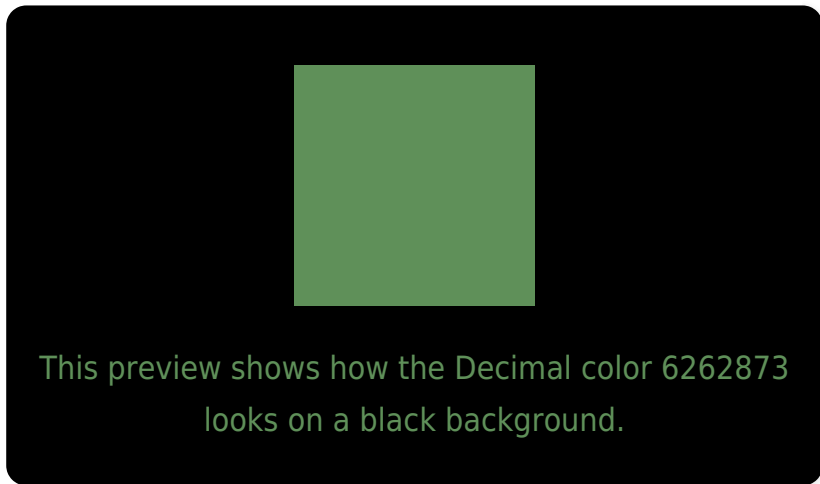
Large Text (above 18pt) WCAG AA ✓ Pass

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

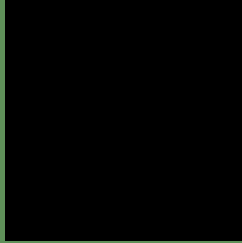
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6262873 Background



This preview shows how black text looks on a background with the Decimal color 6262873.



This preview shows how white text looks on a background with the Decimal color 6262873.

# 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





# Trichromacy



**Original Color**  
6262873

**Protanomaly**  
8292438

**Deuteranomaly**  
8815964

**Tritanomaly**  
6720639

# Monochromacy



**Original Color**  
6262873

**Achromatopsia**  
8092539

**Achromatomaly**  
7439215

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6262873 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 #5F9059 looks like.

```
.text, #text, p{  
    color:#5F9059  
}
```

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 #5F9059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9059
}
```

## Border

The CSS property to change the border of an element to Decimal 6262873 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".

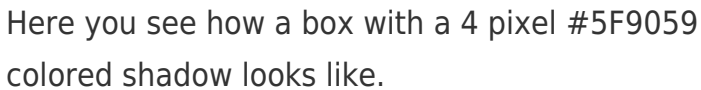
```
.border, #border, table{ border:4px solid
#5F9059 }
```

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

```
.border{ border-color:#5F9059 }
```

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

Here you see how a box with a 4 pixel #5F9059 colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9059; -webkit-box-shadow:4px 4px  
4px 4px #5F9059; box-shadow:4px 4px 4px  
4px #5F9059 }
```

# Background

The CSS property to change the background color of an element to Decimal 6262873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9059 }
```

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

```
.background{ background-color:#5F9059 }
```

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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