

Converting Colors

Decimal(6466177)

Have a look what the booklet for
Decimal(6466177) contains.

Decimal(6466177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6466177)

Conversions

Conversions Part 1

Format	Color
Hex	62AA81
RGB	98, 170, 129
RGB Percent	38%, 67%, 51%
CMY	0.6157, 0.3333, 0.4941
CMYK	0.42, 0.00, 0.24, 0.33
HSL	146°, 30%, 53%
HSV	146°, 42%, 67%
XYZ	23.3742, 32.9311, 25.8933
YIQ	143.7980, -29.7510, -28.0150

Conversions

Conversions Part 2

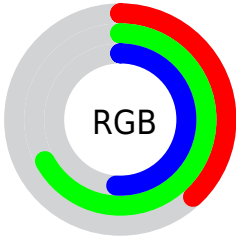
Format	Color
RYB	98, 148, 170
Decimal	6466177
CIELab	64.11, -32.02, 14.20
CIElCh	64, 35.030, 156.082
Yxy	32.9311, 0.2844, 0.4006
Android (android.graphics.Color)	4284656257 (0xFF62AA81)
YUV	143.7980, -7.2954, -40.1648
Hunter-Lab	57.3856, -27.7187, 13.4174

Details

The Decimal color **6466177** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11166347**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **10019510**, and **2979152** is the 20% darker color. If you saturate the color by 10%, you get **5352055**, and if you desaturate by 10%, it is **7580299**.

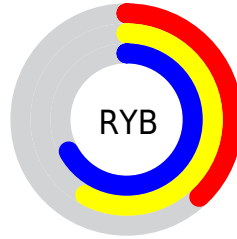
Distribution



Red (38%)

Green (67%)

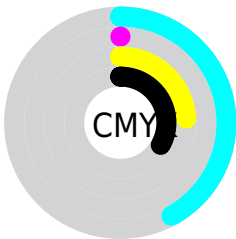
Blue (51%)



Red (38%)

Yellow (58%)

Blue (67%)

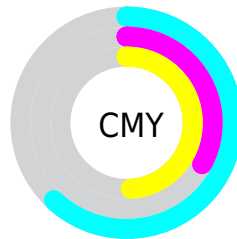


Cyan (42%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6466177 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 6466177 by changing the saturation by 10% instead.



6466177



6466177

16777215



4755304



10019510



2979152



11861970



875577



13697006



17443



15597567



11534



5888



0



6466177



6466177



5352055



7580299

■ 4237934

■ 8694420

■ 3123812

■ 9808542

■ 2009690

■ 10922664

■ 895569

■ 12036785

■ 43593

■ 13150907

■ 14265029

■ 15379150

■ 16493272

Harmonies

Analogous

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



8954984



6466177



3583137

Triad

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



6466177



7970009



13993848

Complementary

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



6466177



11166347

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.



14123926



6466177



10981838

Square

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



6466177



4367828



13141941



12947811

Rectangle

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



6466177



1682614



13141941



14189953

Sweetspot

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



6466177



12705485



9218658



6189158



15790320



7368816

Same Dimension

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



6466177



7200413



6466212



5002319



37952



5129

Inverse Universe

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



11166347



14577069



11166312



5524561



9699412



1310732

Previews

White Background



This preview shows how the Decimal color 6466177 looks on a white background.

Color Contrast Check

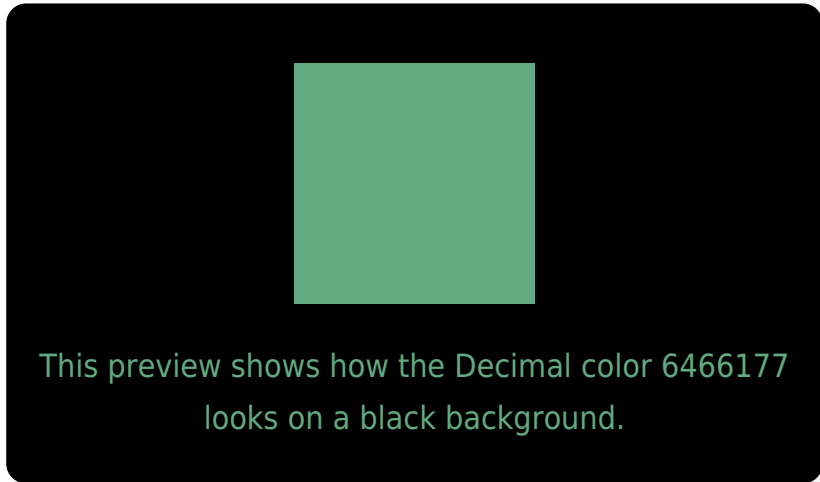
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

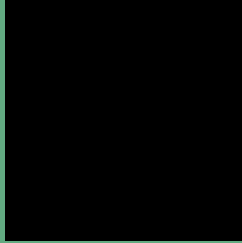
Any Text WCAG AA ✓ Pass

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 6466177 Background



This preview shows how black text looks on a background with the Decimal color 6466177.




This preview shows how white text looks on a background with the Decimal color 6466177.

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
7185585

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6466177 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 #62AA81 looks like.

```
.text, #text, p{  
    color:#62AA81  
}
```

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 #62AA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62AA81
}
```

Border

The CSS property to change the border of an element to Decimal 6466177 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
#62AA81 }
```

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

```
.border{ border-color:#62AA81 }
```

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

Here you see how a box with a 4 pixel #62AA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62AA81; -webkit-box-shadow:4px 4px  
4px 4px #62AA81; box-shadow:4px 4px 4px  
4px #62AA81 }
```

Background

The CSS property to change the background color of an element to Decimal 6466177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62AA81 }
```

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

```
.background{ background-color:#62AA81 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor