

Converting Colors

Decimal(6402473)

Have a look what the booklet for
Decimal(6402473) contains.

Decimal(6402473)	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(6402473)

Conversions

Conversions Part 1

Format	Color
Hex	61B1A9
RGB	97, 177, 169
RGB Percent	38%, 69%, 66%
CMY	0.6196, 0.3059, 0.3373
CMYK	0.45, 0.00, 0.05, 0.31
HSL	174°, 34%, 54%
HSV	174°, 45%, 69%
XYZ	27.8133, 36.8502, 43.1830
YIQ	152.1680, -45.1120, -19.4480

Conversions

Conversions Part 2

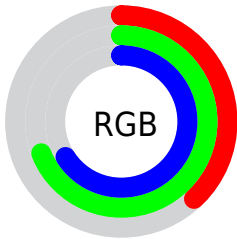
Format	Color
RYB	97, 139, 177
Decimal	6402473
CIELab	67.16, -26.52, -3.56
CIElCh	67, 26.753, 187.637
Yxy	36.8502, 0.2579, 0.3417
Android (android.graphics.Color)	4284592553 (0xFF61B1A9)
YUV	152.1680, 8.2982, -48.3823
Hunter-Lab	60.7044, -24.4482, 0.3162

Details

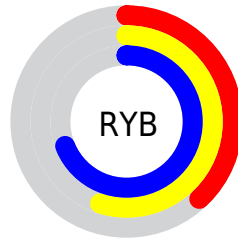
The Decimal color **6402473** is a light color, and the websafe version is hex **339999**. A complement of this color would be **11624809**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **10021344**, and **2653301** is the 20% darker color. If you saturate the color by 10%, you get **5222823**, and if you desaturate by 10%, it is **7582123**.

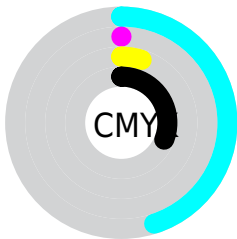
Distribution



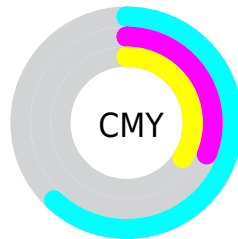
- Red (38%)
- Green (69%)
- Blue (66%)



- Red (38%)
- Yellow (55%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (62%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6402473 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 6402473 by changing the saturation by 10% instead.

6402473

6402473

16777215

4560527

10021344

2653301

11862013

25436

13762559

19013

15663103

13103

8218

0

6402473

6402473

5222823

7582123

■ 4108709

■ 8696237

■ 2929060

■ 9875886

■ 1749410

■ 11055536

■ 569760

■ 12235186

■ 45471

■ 13349300

■ 14528949

■ 15708599

■ 16757177

Harmonies

Analogous

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



7909264



6402473



5943488

Triad

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



6402473



11508682



12885112

Complementary

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



6402473



11624809

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.



13800839



6402473



13145270

Square

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



6402473



9348307



13865630



11510900

Rectangle

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



6402473



6598091



13865630



13277564

Sweetspot

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



6402473



12969698



6926689



6255473



15921906



7566195

Same Dimension

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



6402473



7005913



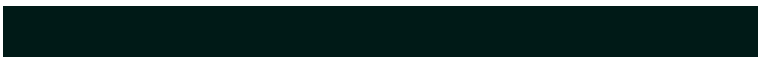
6394289



5265752



39306



6679

Inverse Universe

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



11624809



15100534



11632993



5853265



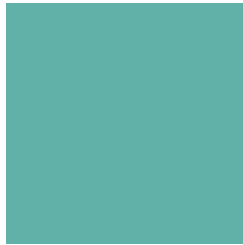
10027023



1703939

Previews

White Background



This preview shows how the Decimal color 6402473 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 6402473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

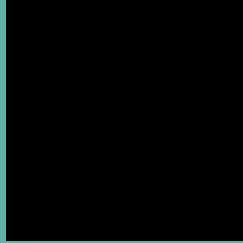
Any Text WCAG AA ✓ Pass

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 6402473 Background



This preview shows how black text looks on a background with the Decimal color 6402473.



This preview shows how white text looks on a background with the Decimal color 6402473.

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
6794940

Trichromacy



Original Color
6402473



Protanomaly
9283491



Deuteranomaly
9610668



Tritanomaly
6664117

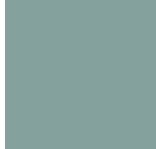
Monochromacy



Original Color
6402473



Achromatopsia
10000536



Achromatomaly
8692126

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6402473 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 #61B1A9 looks like.

```
.text, #text, p{  
    color:#61B1A9  
}
```

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 #61B1A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B1A9
}
```

Border

The CSS property to change the border of an element to Decimal 6402473 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
#61B1A9 }
```

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

```
.border{ border-color:#61B1A9 }
```

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

Here you see how a box with a 4 pixel #61B1A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B1A9; -webkit-box-shadow:4px 4px  
4px 4px #61B1A9; box-shadow:4px 4px 4px  
4px #61B1A9 }
```

Background

The CSS property to change the background color of an element to Decimal 6402473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B1A9 }
```

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

```
.background{ background-color:#61B1A9 }
```

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