

Converting Colors

Decimal(6524031)

Have a look what the booklet for
Decimal(6524031) contains.

Decimal(6524031)	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(6524031)

Conversions

Conversions Part 1

Format	Color
Hex	638C7F
RGB	99, 140, 127
RGB Percent	39%, 55%, 50%
CMY	0.6118, 0.4510, 0.5020
CMYK	0.29, 0.00, 0.09, 0.45
HSL	161°, 17%, 47%
HSV	161°, 29%, 55%
XYZ	18.3544, 22.9411, 23.5394
YIQ	126.2590, -20.2630, -12.7350

Conversions

Conversions Part 2

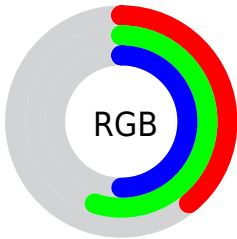
Format	Color
R _Y B	99, 123, 140
Decimal	6524031
CIE Lab	55.01, -17.08, 2.40
CIE LCh	55, 17.248, 172.006
Yxy	22.9411, 0.2831, 0.3538
Android (android.graphics.Color)	4284714111 (0xFF638C7F)
YUV	126.2590, 0.3653, -23.9061
Hunter-Lab	47.8969, -15.4171, 4.3892

Details

The Decimal color **6524031** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9200496**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9945780**, and **3299918** is the 20% darker color. If you saturate the color by 10%, you get **5606523**, and if you desaturate by 10%, it is **7441539**.

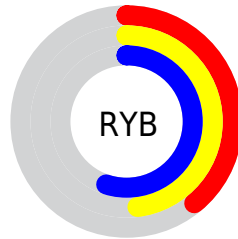
Distribution



Red (39%)

Green (55%)

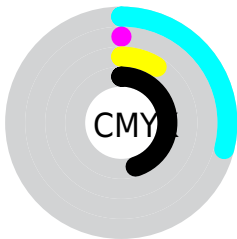
Blue (50%)



Red (39%)

Yellow (48%)

Blue (55%)

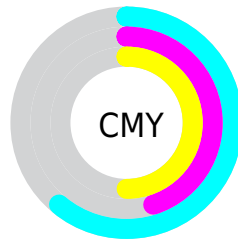


Cyan (29%)

Magenta (0%)

Yellow (9%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6524031 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 6524031 by changing the saturation by 10% instead.



6524031



6524031

16777215



4878950



9945780



3299918



11722447



1786423



13564651



142370



15400959



6412



0



6524031



6524031



5606523



7441539



4689014



8359048

■ 3771506

■ 9276556

■ 2853997

■ 10194065

■ 1936489

■ 11111573

■ 1018980

■ 12029082

■ 101472

■ 12946590

■ 35936

■ 13864099

■ 14781607

Harmonies

Analogous

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



7506545



6524031



5999758

Triad

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



6524031



8487327



10386797

Complementary

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



6524031



9200496

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.



10713721



6524031



9665686

Square

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



6524031



7177889



10451336



9666918

Rectangle

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



6524031



5999511



10451336



10517360

Sweetspot

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



6524031



10859952



7441507



5397593



14408667



6052956

Same Dimension

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



6524031



7779745



6522252



4080963



34139



1283

Inverse Universe

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



9200496



11892362



9202275



4537920



8716330



327682

Previews

White Background



This preview shows how the Decimal color 6524031 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 6524031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

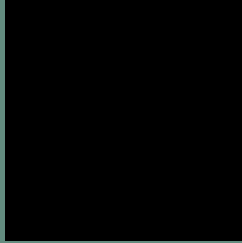
Any Text WCAG AA ✓ Pass

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 6524031 Background



This preview shows how black text looks on a background with the Decimal color 6524031.

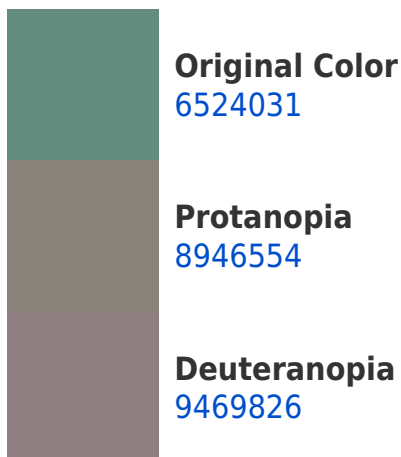



This preview shows how white text looks on a background with the Decimal color 6524031.

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
6785428

Trichromacy



Original Color
6524031

Protanomaly
8095356

Deuteranomaly
8422529

Tritanomaly
6720140

Monochromacy



Original Color
6524031

Achromatopsia
8289918

Achromatomaly
7635838

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6524031 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 #638C7F looks like.

```
.text, #text, p{  
    color:#638C7F  
}
```

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 #638C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638C7F
}
```

Border

The CSS property to change the border of an element to Decimal 6524031 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
#638C7F }
```

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

```
.border{ border-color:#638C7F }
```

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

Here you see how a box with a 4 pixel #638C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638C7F; -webkit-box-shadow:4px 4px  
4px 4px #638C7F; box-shadow:4px 4px 4px  
4px #638C7F }
```

Background

The CSS property to change the background color of an element to Decimal 6524031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638C7F }
```

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

```
.background{ background-color:#638C7F }
```

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