

Converting Colors

Decimal(5714762)

Have a look what the booklet for
Decimal(5714762) contains.

Decimal(5714762)	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(5714762)

Conversions

Conversions Part 1

Format	Color
Hex	57334A
RGB	87, 51, 74
RGB Percent	34%, 20%, 29%
CMY	0.6588, 0.8000, 0.7098
CMYK	0.00, 0.41, 0.15, 0.66
HSL	322°, 26%, 27%
HSV	322°, 41%, 34%
XYZ	6.3503, 4.8883, 7.0874
YIQ	64.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

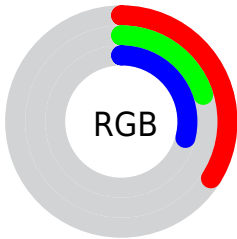
Format	Color
RYB	87, 51, 74
Decimal	5714762
CIELab	26.41, 20.07, -7.32
CIElCh	26, 21.363, 339.949
Yxy	4.8883, 0.3465, 0.2667
Android (android.graphics.Color)	4283904842 (0xFF57334A)
YUV	64.3860, 4.7397, 19.8325
Hunter-Lab	22.1095, 12.5775, -3.5293

Details

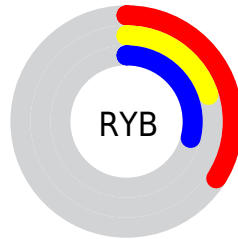
The Decimal color **5714762** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3364672**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **9069179**, and **2623262** is the 20% darker color. If you saturate the color by 10%, you get **5712455**, and if you desaturate by 10%, it is **5717069**.

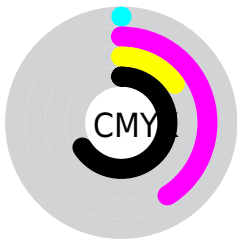
Distribution



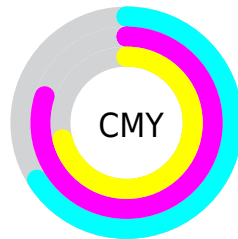
- Red (34%)
- Green (20%)
- Blue (29%)



- Red (34%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (15%)
- Black (66%)



- Cyan (66%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5714762 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 5714762 by changing the saturation by 10% instead.

■ 5714762

■ 5714762

16777215

■ 4136243

■ 9069179

■ 2623262

■ 10779540

■ 720899

■ 12621231

■ 0

■ 14463178

■ 16305383

■ 16771327

■ 5714762

■ 5714762

■ 5712455

■ 5717069

■ 5710404

■ 5719120

■ 5708097

■ 5721427

■ 5705789

■ 5723735

■ 5703482

■ 5726042

■ 5701688

■ 5728093

■ 5730400

■ 5732707

■ 5734758

Harmonies

Analogous

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



4667479



5714762



6172986

Triad

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



5714762



4407070



18003

Complementary

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



5714762



3364672

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.



18244



5714762



3294245

Square

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



5714762



5388832



1852979



672605

Rectangle

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



5714762



6107951



1852979



18254

Sweetspot

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



5714762



7365483



4207447



3682357



12105912



3684408

Same Dimension

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



5714762



7354460



5714744



2828074



7012420



15401110

Inverse Universe

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



5714762



7354460



3364690



2828074



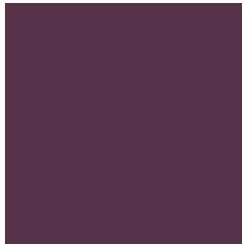
7012420



15401110

Previews

White Background



This preview shows how the Decimal color 5714762 looks on a white background.

Color Contrast Check

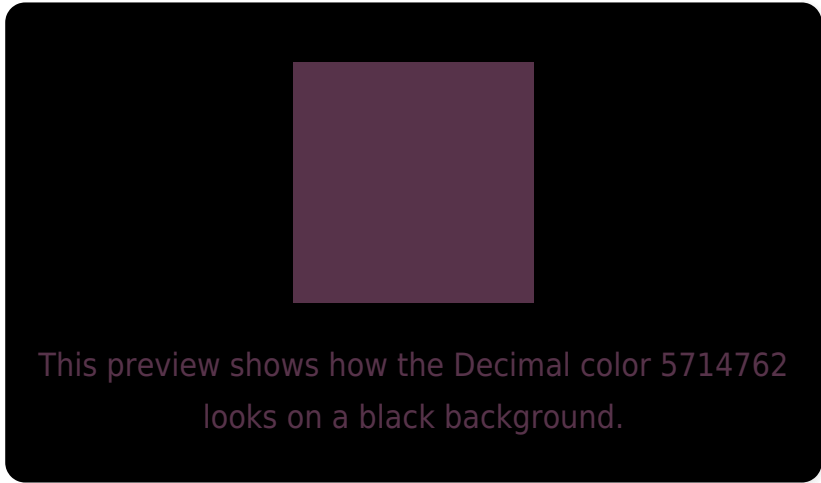
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

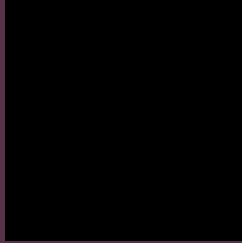
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5714762 Background



This preview shows how black text looks on a background with the Decimal color 5714762.



This preview shows how white text looks on a background with the Decimal color 5714762.

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



Original Color
5714762

Protanopia
3817042

Deuteranopia
4275528



Tritanopia
5584442

Trichromacy



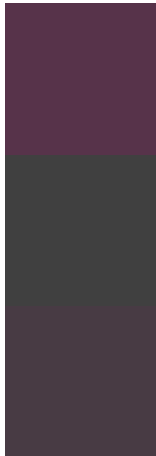
Original Color
5714762

Protanomaly
4536911

Deuteranomaly
4798793

Tritanomaly
5649728

Monochromacy



Original Color
5714762

Achromatopsia
4210752

Achromatomaly
4733764

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5714762 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 #57334A looks like.

```
.text, #text, p{  
    color:#57334A  
}
```

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 #57334A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57334A
}
```

Border

The CSS property to change the border of an element to Decimal 5714762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

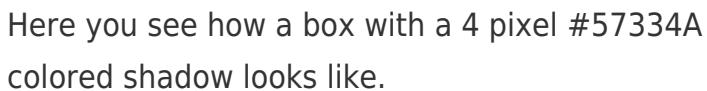
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57334A }
```

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

```
.border{ border-color:#57334A }
```

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



Here you see how a box with a 4 pixel #57334A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57334A; -webkit-box-shadow:4px 4px  
4px 4px #57334A; box-shadow:4px 4px 4px  
4px #57334A }
```

Background

The CSS property to change the background color of an element to Decimal 5714762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57334A }
```

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

```
.background{ background-color:#57334A }
```

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