

Converting Colors

Decimal(5724532)

Have a look what the booklet for
Decimal(5724532) contains.

Decimal(5724532)	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(5724532)

Conversions

Conversions Part 1

Format	Color
Hex	575974
RGB	87, 89, 116
RGB Percent	34%, 35%, 45%
CMY	0.6588, 0.6510, 0.5451
CMYK	0.25, 0.23, 0.00, 0.55
HSL	236°, 14%, 40%
HSV	236°, 25%, 45%
XYZ	10.6552, 10.4319, 17.9750
YIQ	91.4800, -9.8590, 7.9730

Conversions

Conversions Part 2

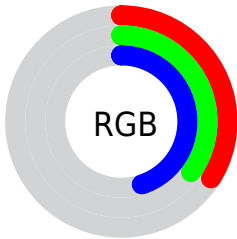
Format	Color
R_{YB}	87, 89, 116
Decimal	5724532
CIE _{Lab}	38.61, 5.72, -15.57
CIE _{LCh}	39, 16.582, 290.163
Yxy	10.4319, 0.2728, 0.2671
Android (android.graphics.Color)	4283914612 (0xFF575974)
YUV	91.4800, 12.0884, -3.9290
Hunter-Lab	32.2985, 2.3645, -10.3875

Details

The Decimal color **5724532** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7631447**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9014184**, and **2698308** is the 20% darker color. If you saturate the color by 10%, you get **4935284**, and if you desaturate by 10%, it is **6513780**.

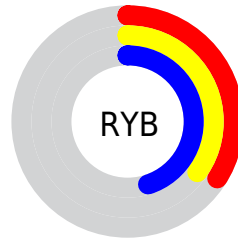
Distribution



Red (34%)

Green (35%)

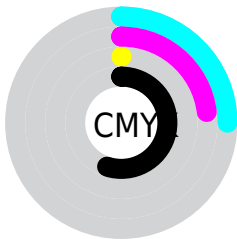
Blue (45%)



Red (34%)

Yellow (35%)

Blue (45%)

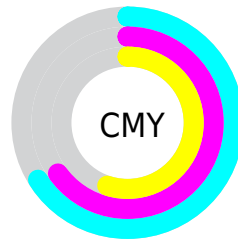


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (55%)



Cyan (66%)

Magenta (65%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5724532 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 5724532 by changing the saturation by 10% instead.

■ 5724532

■ 5724532

16777215

■ 4145755

■ 9014184

■ 2698308

■ 10790339

■ 1251117

■ 12566751

■ 281

■ 14408956

■ 0

■ 16316927

■ 5724532

■ 5724532

■ 4935284

■ 6513780

■ 4211572

■ 7237492

■ 3422580

■ 8026484

■ 2698868

■ 8750196

■ 1909620

■ 9539444

■ 1120372

■ 10328692

■ 396660

■ 11052404

■ 2164

■ 11841396

■ 12565108

Harmonies

Analogous

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



4480373



5724532



6837356

Triad

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



5724532



7492679



4022870

Complementary

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



5724532



7631447

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.



5005385



5724532



6904129

Square

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



5724532



7754066



5987649



3433060

Rectangle

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



5724532



7361124



5987649



4350545

Sweetspot

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



5724532



9079702



5731442



4539725



13421772



5066061

Same Dimension

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



5724532



6909078



6510452



3487035



2170



4602

Inverse Universe

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



7624537



9857388



6845527



3880245



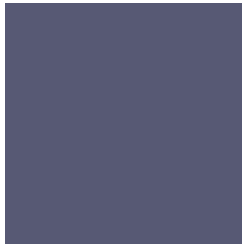
7995400



16384017

Previews

White Background



This preview shows how the Decimal color 5724532 looks on a white background.

Color Contrast Check

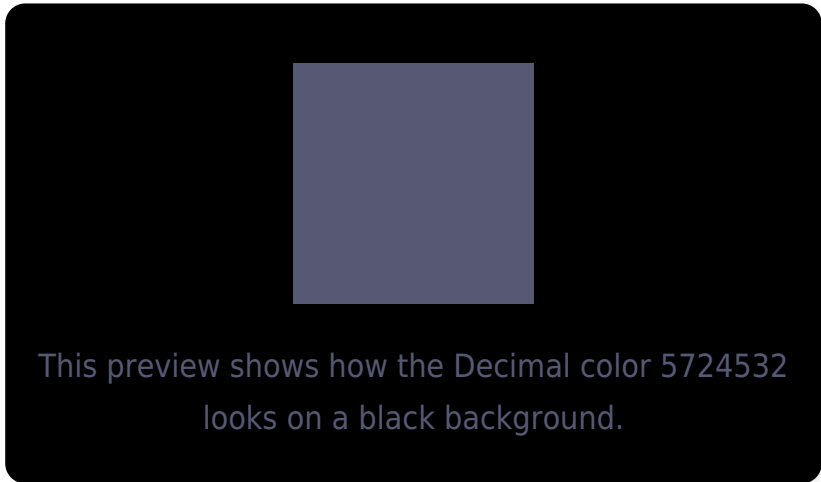
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Decimal 5724532 Background



This preview shows how black text looks on a background with the Decimal color 5724532.



This preview shows how white text looks on a background with the Decimal color 5724532.

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
5724532

Protanopia
5528181

Deuteranopia
5658996



Tritanopia
5528675

Trichromacy



Original Color
5724532

Protanomaly
5593717

Deuteranomaly
5658996

Tritanomaly
5593961

Monochromacy



Original Color
5724532

Achromatopsia
5987163

Achromatomaly
5921380

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5724532 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 #575974 looks like.

```
.text, #text, p{  
    color:#575974  
}
```

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 #575974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575974  
}
```

Border

The CSS property to change the border of an element to Decimal 5724532 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  
#575974 }
```

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

```
.border{ border-color:#575974 }
```

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

Here you see how a box with a 4 pixel #575974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575974; -webkit-box-shadow:4px 4px  
4px 4px #575974; box-shadow:4px 4px 4px  
4px #575974 }
```

Background

The CSS property to change the background color of an element to Decimal 5724532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575974 }
```

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

```
.background{ background-color:#575974 }
```

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