

Converting Colors

Decimal(5726324)

Have a look what the booklet for
Decimal(5726324) contains.

Decimal(5726324)	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(5726324)

Conversions

Conversions Part 1

Format	Color
Hex	576074
RGB	87, 96, 116
RGB Percent	34%, 38%, 45%
CMY	0.6588, 0.6235, 0.5451
CMYK	0.25, 0.17, 0.00, 0.55
HSL	221°, 14%, 40%
HSV	221°, 25%, 45%
XYZ	11.2657, 11.6529, 18.1785
YIQ	95.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

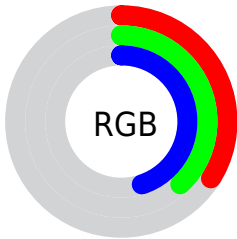
Format	Color
R_{YB}	87, 94, 116
Decimal	5726324
CIE _{Lab}	40.66, 1.39, -12.44
CIE _{LCh}	41, 12.517, 276.369
Yxy	11.6529, 0.2741, 0.2835
Android (android.graphics.Color)	4283916404 (0xFF576074)
YUV	95.5890, 10.0626, -7.5326
Hunter-Lab	34.1364, -0.8299, -7.6779

Details

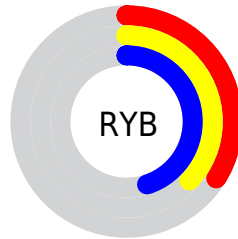
The Decimal color **5726324** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7629655**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **9015976**, and **2699844** is the 20% darker color. If you saturate the color by 10%, you get **4937844**, and if you desaturate by 10%, it is **6514804**.

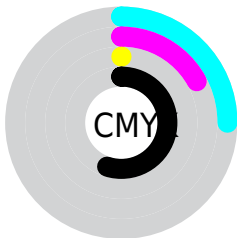
Distribution



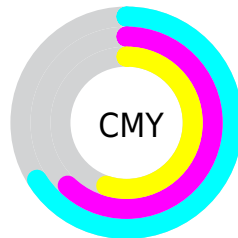
- Red (34%)
- Green (38%)
- Blue (45%)



- Red (34%)
- Yellow (37%)
- Blue (45%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (66%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5726324 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 5726324 by changing the saturation by 10% instead.

■ 5726324

■ 5726324

16777215

■ 4147291

■ 9015976

■ 2699844

■ 10792387

■ 1252654

■ 12568799

■ 793

■ 14411004

■ 0

■ 16252927

■ 5726324

■ 5726324

■ 4937844

■ 6514804

■ 4214900

■ 7237748

■ 3426420

■ 8026228

■ 2703476

■ 8749172

■ 1914996

■ 9537652

■ 1126516

■ 10326132

■ 403572

■ 11049076

■ 9332

■ 11837556

■ 12560500

Harmonies

Analogous

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



4940658



5726324



6577520

Triad

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



5726324



7625300



5203287

Complementary

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



5726324



7629655

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.



5923663



5726324



7298125

Square

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



5726324



7690590



6709324



4613730

Rectangle

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



5726324



7101035



6709324



5399636

Sweetspot

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



5726324



9080470



5731435



4540237



13421772



5066061

Same Dimension

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



5726324



6911894



6051700



3487547



9850



20218

Inverse Universe

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



7624544



9857399



7304279



3880247



7995430



16384078

Previews

White Background



This preview shows how the Decimal color 5726324 looks on a white background.

Color Contrast Check

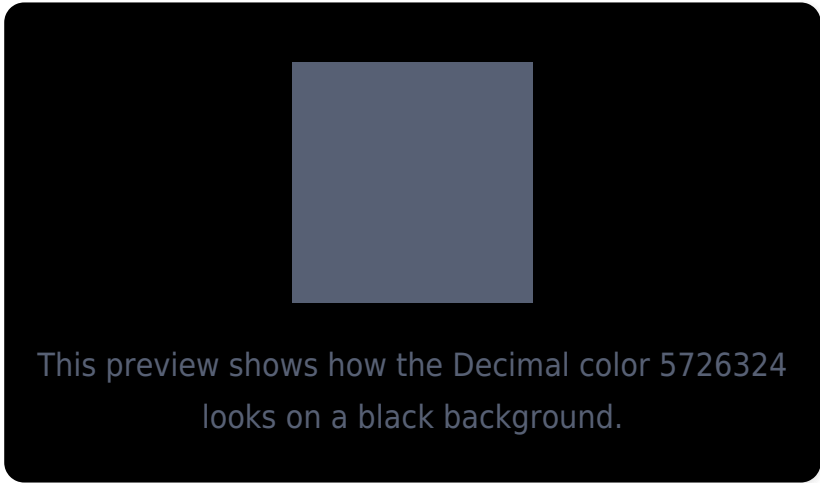
Large Text (above 18pt) WCAG AA ✓ Pass

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

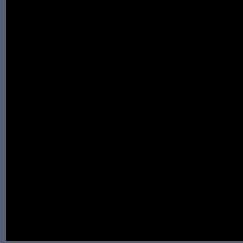
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

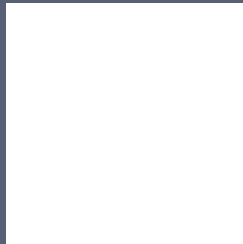
Any Text WCAG AAA × Fail

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

Decimal 5726324 Background



This preview shows how black text looks on a background with the Decimal color 5726324.

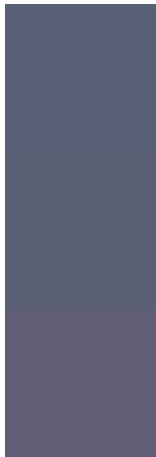


This preview shows how white text looks on a background with the Decimal color 5726324.

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
5726324

Protanopia
5988211

Deuteranopia
6250100

Trichromacy



Original Color

5726324

Protanomaly

5922675

Deuteranomaly

6053748

Tritanomaly

5661038

Monochromacy



Original Color

5726324

Achromatopsia

6316128

Achromatomaly

6119527

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5726324 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 #576074 looks like.

```
.text, #text, p{  
    color:#576074  
}
```

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 #576074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576074  
}
```

Border

The CSS property to change the border of an element to Decimal 5726324 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  
#576074 }
```

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

```
.border{ border-color:#576074 }
```

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

Here you see how a box with a 4 pixel #576074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576074; -webkit-box-shadow:4px 4px  
4px 4px #576074; box-shadow:4px 4px 4px  
4px #576074 }
```

Background

The CSS property to change the background color of an element to Decimal 5726324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576074 }
```

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

```
.background{ background-color:#576074 }
```

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