

Converting Colors

Decimal(8724)

Have a look what the booklet for
Decimal(8724) contains.

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Color

Decimal(8724)

Conversions

Conversions Part 1

Format	Color
Hex	002214
RGB	0, 34, 20
RGB Percent	0%, 13%, 8%
CMY	1.0000, 0.8667, 0.9216
CMYK	1.00, 0.00, 0.41, 0.87
HSL	155°, 100%, 7%
HSV	155°, 100%, 13%
XYZ	0.6983, 1.1946, 0.8556
YIQ	22.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

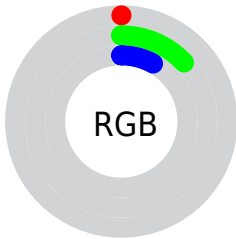
Format	Color
RYB	0, 21, 34
Decimal	8724
CIELab	10.52, -16.73, 5.90
CIELCh	11, 17.736, 160.586
Yxy	1.1946, 0.2541, 0.4346
Android (android.graphics.Color)	4278198804 (0xFF002214)
YUV	22.2380, -1.1033, -19.5027
Hunter-Lab	10.9296, -7.7224, 3.0094

Details

The Decimal color **8724** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2228238**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **2969406**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **8724**, and if you desaturate by 10%, it is **205333**.

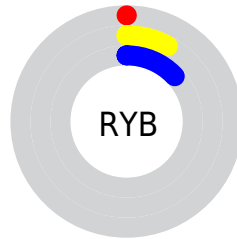
Distribution



Red (0%)

Green (13%)

Blue (8%)



Red (0%)

Yellow (8%)

Blue (13%)

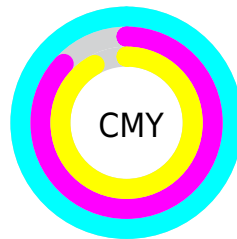


Cyan (100%)

Magenta (0%)

Yellow (41%)

Black (87%)



Cyan (100%)

Magenta (87%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8724 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 8724 by changing the saturation by 10% instead.



8724



8724



14876660



1024



2969406



0



4482901



6062190



7707271



9418145



11194812



13037016



8724

■ 205333

■ 467479

■ 664088

■ 926234

■ 1122843

■ 1319452

■ 1581598

■ 1778207

■ 2040353

Harmonies

Analogous

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



1253381



8724



8993

Triad

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



8724



924724



3216395

Complementary

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



8724



2228238

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.



3346969



8724



2299951

Square

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



8724



8243



3019557



2824448

Rectangle

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



8724



8744



3019557



3281680

Sweetspot

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



8724



1977126



926208



988948



9868950



1513239

Same Dimension

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



8724



11034



7970



1053201



21040



53627

Inverse Universe

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



2228238



2818066



2228992



1183761



5373986



13697110

Previews

White Background



This preview shows how the Decimal color 8724 looks on a white background.

Color Contrast Check

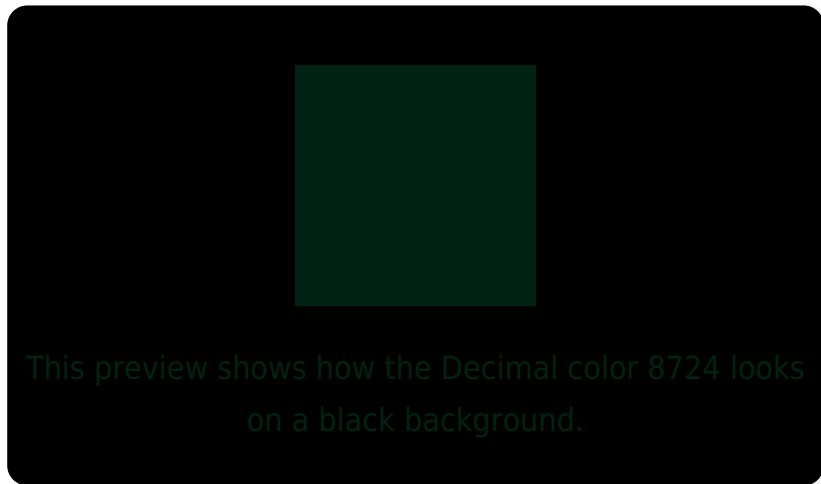
Large Text (above 18pt) WCAG AA ✓ Pass

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

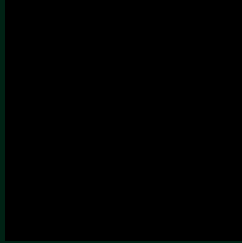
Any Text WCAG AA × Fail

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 8724 Background



This preview shows how black text looks on a background with the Decimal color 8724.



This preview shows how white text looks on a background with the Decimal color 8724.

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
8724

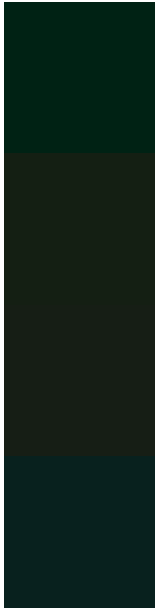
Protanopia
2104594

Deuteranopia
2300949



Tritanopia
794659

Trichromacy



Original Color
8724

Protanomaly
1318675

Deuteranomaly
1449493

Tritanomaly
532766

Monochromacy



Original Color
8724

Achromatopsia
1447446

Achromatomaly
924181

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8724 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 #002214 looks like.

```
.text, #text, p{  
    color:#002214  
}
```

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 #002214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002214
}
```

Border

The CSS property to change the border of an element to Decimal 8724 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".

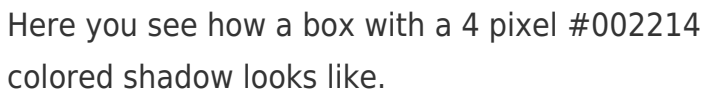
```
.border, #border, table{ border:4px solid
#002214 }
```

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

```
.border{ border-color:#002214 }
```

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

Here you see how a box with a 4 pixel #002214 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002214; -webkit-box-shadow:4px 4px  
4px 4px #002214; box-shadow:4px 4px 4px  
4px #002214 }
```

Background

The CSS property to change the background color of an element to Decimal 8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002214 }
```

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

```
.background{ background-color:#002214 }
```

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](#).

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