

Converting Colors

Decimal(1250974)

Have a look what the booklet for
Decimal(1250974) contains.

Decimal(1250974)	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(1250974)

Conversions

Conversions Part 1

Format	Color
Hex	13169E
RGB	19, 22, 158
RGB Percent	7%, 9%, 62%
CMY	0.9255, 0.9137, 0.3804
CMYK	0.88, 0.86, 0.00, 0.38
HSL	239°, 79%, 35%
HSV	239°, 88%, 62%
XYZ	6.7270, 3.1809, 32.6072
YIQ	36.6070, -45.4440, 41.6600

Conversions

Conversions Part 2

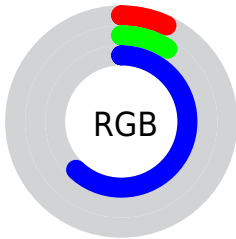
Format	Color
R _Y B	19, 22, 158
Decimal	1250974
CIE Lab	20.75, 48.40, -70.44
CIE LCh	21, 85.464, 304.494
Yxy	3.1809, 0.1582, 0.0748
Android (android.graphics.Color)	4279441054 (0xFF13169E)
YUV	36.6070, 59.8467, -15.4413
Hunter-Lab	17.8350, 36.1153, -95.9132

Details

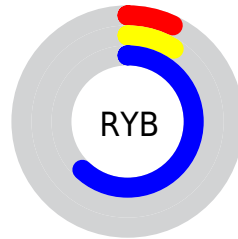
The Decimal color **1250974** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **10394387**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **6309590**, and **105** is the 20% darker color. If you saturate the color by 10%, you get **198558**, and if you desaturate by 10%, it is **2303390**.

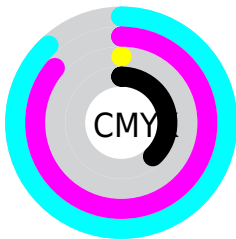
Distribution



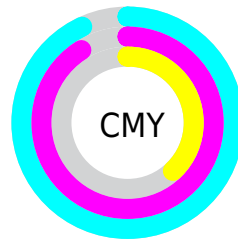
- Red (7%)
- Green (9%)
- Blue (62%)



- Red (7%)
- Yellow (9%)
- Blue (62%)



- Cyan (88%)
- Magenta (86%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (91%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1250974 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 1250974 by changing the saturation by 10% instead.

■ 1250974

■ 1250974

16777215

■ 131

■ 6309590

■ 105

■ 8282099

■ 1104

■ 10254591

■ 1336

■ 12227583

■ 545

■ 14200575

■ 7

■ 16173567

■ 0

■ 16770815

■ 1250974

■ 1250974

■ 198558

■ 2303390

■ 926

■ 3356062

■ 4342942

■ 5395614

■ 6448030

■ 7500702

■ 8553118

■ 9540254

■ 10592670

Harmonies

Analogous

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



15542



1250974



8192106

Triad

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



1250974



6754048



17979

Complementary

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



1250974



10394387

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.



17152



1250974



3552256

Square

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



1250974



8912896



16128



18298

Rectangle

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



1250974



9502785



16128



17700

Sweetspot

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



1250974



10066639



1285785



4737385



15263976



6908265

Same Dimension

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



1250974



1231



5510046



4671311



911



15

Inverse Universe

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



10359574



13565956



6135315



5195591



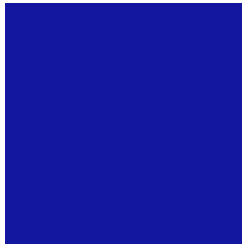
9371651



983040

Previews

White Background



This preview shows how the Decimal color 1250974 looks on a white background.

Color Contrast Check

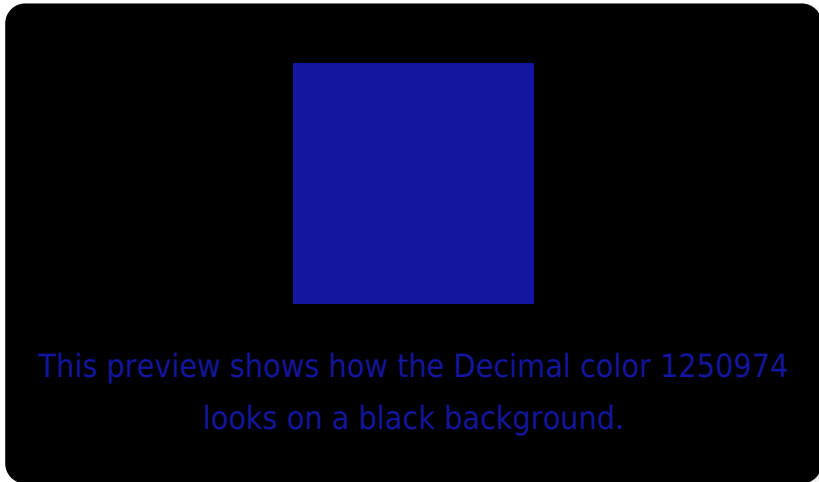
Large Text (above 18pt) WCAG AA ✓ Pass

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

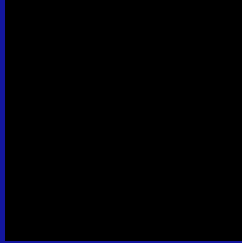
Any Text WCAG AA × Fail

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 1250974 Background



This preview shows how black text looks on a background with the Decimal color 1250974.



This preview shows how white text looks on a background with the Decimal color 1250974.

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


1250974

Protanopia

12647

Deuteranopia

13656



Tritanopia
14651

Trichromacy



Original Color
1250974

Protanomaly
468859

Deuteranomaly
469617

Tritanomaly
470111

Monochromacy



Original Color
1250974

Achromatopsia
2434341

Achromatomaly
1974353

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1250974 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 #13169E looks like.

```
.text, #text, p{  
    color:#13169E  
}
```

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 #13169E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13169E
}
```

Border

The CSS property to change the border of an element to Decimal 1250974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

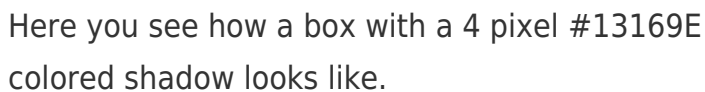
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13169E }
```

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

```
.border{ border-color:#13169E }
```

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



Here you see how a box with a 4 pixel #13169E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13169E; -webkit-box-shadow:4px 4px  
4px 4px #13169E; box-shadow:4px 4px 4px  
4px #13169E }
```

Background

The CSS property to change the background color of an element to Decimal 1250974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13169E }
```

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

```
.background{ background-color:#13169E }
```

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