

Converting Colors

Decimal(2973124)

Have a look what the booklet for
Decimal(2973124) contains.

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Color

Decimal(2973124)

Conversions

Conversions Part 1

Format	Color
Hex	2D5DC4
RGB	45, 93, 196
RGB Percent	18%, 36%, 77%
CMY	0.8235, 0.6353, 0.2314
CMYK	0.77, 0.53, 0.00, 0.23
HSL	221°, 63%, 47%
HSV	221°, 77%, 77%
XYZ	14.9603, 12.3721, 53.8241
YIQ	90.3900, -61.6710, 21.8570

Conversions

Conversions Part 2

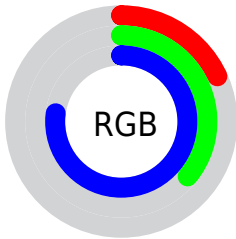
Format	Color
R _Y B	45, 81, 196
Decimal	2973124
CIE Lab	41.80, 20.82, -58.48
CIE LCh	42, 62.075, 289.595
Yxy	12.3721, 0.1843, 0.1524
Android (android.graphics.Color)	4281163204 (0xFF2D5DC4)
YUV	90.3900, 52.0657, -39.8070
Hunter-Lab	35.1740, 14.3658, -66.1052

Details

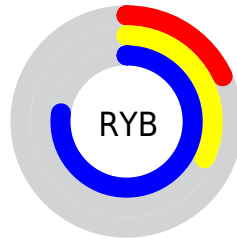
The Decimal color **2973124** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **12882989**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **7442429**, and **12429** is the 20% darker color. If you saturate the color by 10%, you get **1659076**, and if you desaturate by 10%, it is **4287172**.

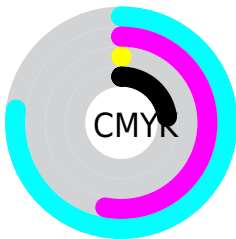
Distribution



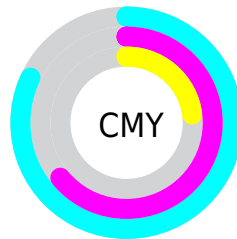
- Red (18%)
- Green (36%)
- Blue (77%)



- Red (18%)
- Yellow (32%)
- Blue (77%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2973124 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 2973124 by changing the saturation by 10% instead.

■ 2973124

■ 2973124

16777215

■ 18088

■ 7442429

■ 12429

■ 9415167

■ 7539

■ 11388159

■ 858

■ 13361407

■ 1857

■ 15334655

■ 810

■ 277

■ 0

■ 2973124

■ 2973124

■ 1659076

■ 4287172

■ 410308

■ 5535940

■ 16068

■ 6849988

■ 8098500

■ 9412804

■ 10726852

■ 11975620

■ 13289668

■ 14538180

Harmonies

Analogous

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



28360



2973124



9257894

Triad

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



2973124



11092497



30798

Complementary

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



2973124



12882989

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.



29463



2973124



8870400

Square

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



2973124



12199748



5794304



31108

Rectangle

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



2973124



11153287



5794304



30525

Sweetspot

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



2973124



12900351



2999442



6055808



0



8421504

Same Dimension

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



2973124



1335295



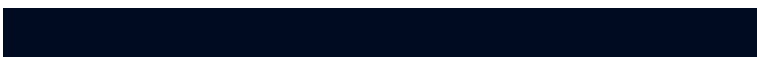
4599236



5724769



13217



2849

Inverse Universe

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



12856669



16716895



11256877



6379354



10551347



2162699

Previews

White Background



This preview shows how the Decimal color 2973124 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



This preview shows how the Decimal color 2973124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

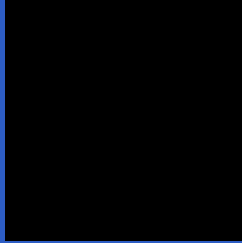
Any Text WCAG AA × Fail

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 2973124 Background



This preview shows how black text looks on a background with the Decimal color 2973124.



This preview shows how white text looks on a background with the Decimal color 2973124.

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](#).

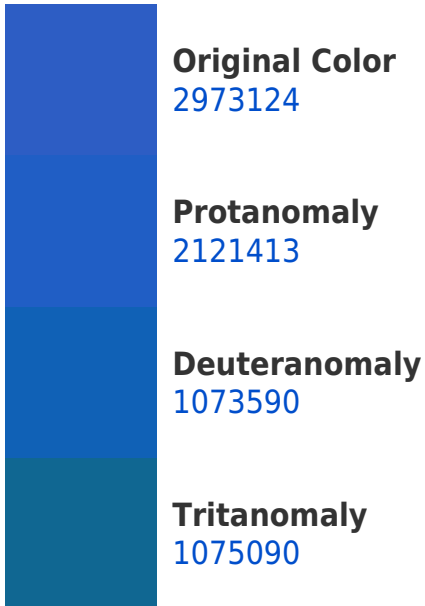
Dichromacy





Tritanopia
28021

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2973124 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 #2D5DC4 looks like.

```
.text, #text, p{  
    color:#2D5DC4  
}
```

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 #2D5DC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5DC4
}
```

Border

The CSS property to change the border of an element to Decimal 2973124 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
#2D5DC4 }
```

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

```
.border{ border-color:#2D5DC4 }
```

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

Here you see how a box with a 4 pixel #2D5DC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5DC4; -webkit-box-shadow:4px 4px  
4px 4px #2D5DC4; box-shadow:4px 4px 4px  
4px #2D5DC4 }
```

Background

The CSS property to change the background color of an element to Decimal 2973124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5DC4 }
```

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

```
.background{ background-color:#2D5DC4 }
```

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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