

Converting Colors

Decimal(2831724)

Have a look what the booklet for
Decimal(2831724) contains.

Decimal(2831724)	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(2831724)

Conversions

Conversions Part 1

Format	Color
Hex	2B356C
RGB	43, 53, 108
RGB Percent	17%, 21%, 42%
CMY	0.8314, 0.7922, 0.5765
CMYK	0.60, 0.51, 0.00, 0.58
HSL	231°, 43%, 30%
HSV	231°, 60%, 42%
XYZ	4.9761, 4.1425, 14.7247
YIQ	56.2800, -23.6150, 14.9850

Conversions

Conversions Part 2

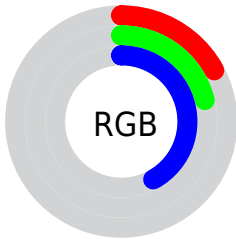
Format	Color
R_{YB}	43, 52, 108
Decimal	2831724
CIE _{Lab}	24.14, 14.04, -33.46
CIE _{LCh}	24, 36.284, 292.772
Yxy	4.1425, 0.2087, 0.1737
Android (android.graphics.Color)	4281021804 (0xFF2B356C)
YUV	56.2800, 25.4980, -11.6466
Hunter-Lab	20.3531, 8.0234, -28.6467

Details

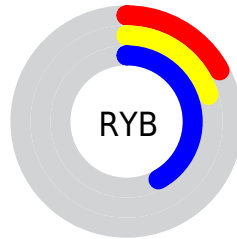
The Decimal color **2831724** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7103019**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **6251424**, and **2364** is the 20% darker color. If you saturate the color by 10%, you get **2108524**, and if you desaturate by 10%, it is **3554924**.

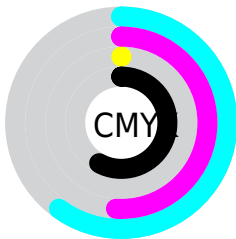
Distribution



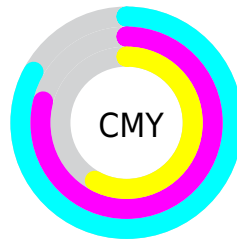
- Red (17%)
- Green (21%)
- Blue (42%)



- Red (17%)
- Yellow (20%)
- Blue (42%)



- Cyan (60%)
- Magenta (51%)
- Yellow (0%)
- Black (58%)



- Cyan (83%)
- Magenta (79%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2831724 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 2831724 by changing the saturation by 10% instead.

■ 2831724

■ 2831724

16777215

■ 925779

■ 6251424

■ 2364

■ 7961787

■ 550

■ 9737943

■ 270

■ 11514356

■ 0

■ 13356287

■ 15263999

■ 2831724

■ 2831724

■ 2108524

■ 3554924

■ 1385324

■ 4278124

■ 727660

■ 4935788

■ 4460

■ 5659244

■ 6382444

■ 7105644

■ 7828844

■ 8486508

■ 9209708

Harmonies

Analogous

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



16240



2831724



5515355

Triad

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



2831724



6236685



17714

Complementary

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



2831724



7103019

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.



672534



2831724



4994560

Square

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



2831724



6889254



3292672



17998

Rectangle

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



2831724



6430794



3292672



17704

Sweetspot

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



2831724



7567244



2845793



3684935



13092807



4671303

Same Dimension

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



2831724



2570124



4270956



3158326



4725



9973

Inverse Universe

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



7088949



9185079



5663787



3551281



7667730



16056358

Previews

White Background



This preview shows how the Decimal color 2831724 looks on a white background.

Color Contrast Check

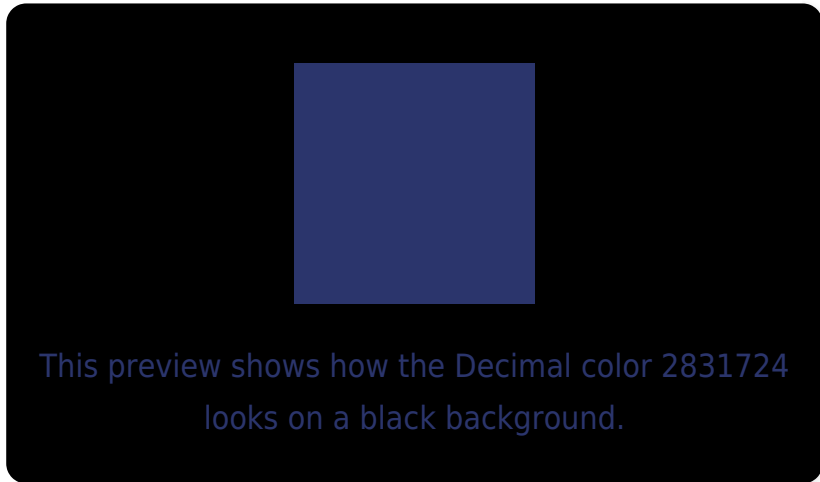
Large Text (above 18pt) WCAG AA ✓ Pass

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

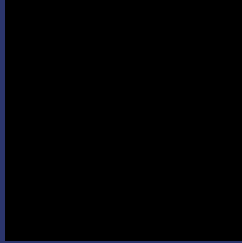
Any Text WCAG AA × Fail

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 2831724 Background



This preview shows how black text looks on a background with the Decimal color 2831724.



This preview shows how white text looks on a background with the Decimal color 2831724.

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](#).

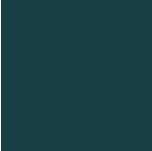
Dichromacy



Original Color
2831724

Protanopia
1652847

Deuteranopia
15207



Tritanopia
1589060

Trichromacy



Original Color

2831724

Protanomaly

2111342

Deuteranomaly

1063273

Tritanomaly

2046803

Monochromacy



Original Color

2831724

Achromatopsia

3684408

Achromatomaly

3356491

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2831724 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 #2B356C looks like.

```
.text, #text, p{  
  color:#2B356C  
}
```

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 #2B356C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B356C
}
```

Border

The CSS property to change the border of an element to Decimal 2831724 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
#2B356C }
```

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

```
.border{ border-color:#2B356C }
```

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

Here you see how a box with a 4 pixel #2B356C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B356C; -webkit-box-shadow:4px 4px  
4px 4px #2B356C; box-shadow:4px 4px 4px  
4px #2B356C }
```

Background

The CSS property to change the background color of an element to Decimal 2831724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B356C }
```

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

```
.background{ background-color:#2B356C }
```

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