

# Converting Colors

Decimal(3014726)

Have a look what the booklet for  
Decimal(3014726) contains.

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**Color**

**Decimal(3014726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E0046
RGB	46, 0, 70
RGB Percent	18%, 0%, 27%
CMY	0.8196, 1.0000, 0.7255
CMYK	0.34, 1.00, 0.00, 0.73
HSL	279°, 100%, 14%
HSV	279°, 100%, 27%
XYZ	2.2322, 1.0230, 5.8742
YIQ	21.7340, 4.9460, 31.5220

# Conversions

## Conversions Part 2

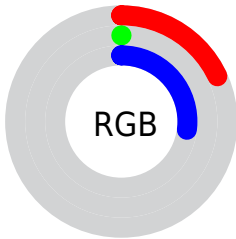
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 0, 70</a>
Decimal	<a href="#">3014726</a>
CIELab	<a href="#">9.18, 34.64, -32.15</a>
CIElCh	<a href="#">9, 47.266, 317.134</a>
Yxy	<a href="#">1.0230, 0.2445, 0.1121</a>
Android (android.graphics.Color)	<a href="#">4281204806 (0xFF2E0046)</a>
YUV	<a href="#">21.7340, 23.7951, 21.2813</a>
Hunter-Lab	<a href="#">10.1145, 21.6932, -27.3534</a>

# Details

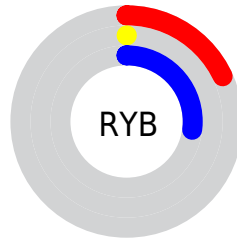
The Decimal color **3014726** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1590784**, and the grayscale version is **1447446**.

A 20% lighter version of the original color is **6303863**, and **281** is the 20% darker color. If you saturate the color by 10%, you get **3014726**, and if you desaturate by 10%, it is **3147590**.

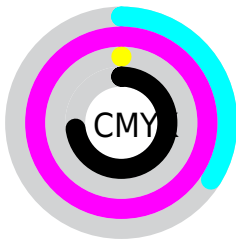
# Distribution



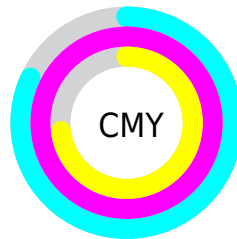
- Red (18%)
- Green (0%)
- Blue (27%)



- Red (18%)
- Yellow (0%)
- Blue (27%)



- Cyan (34%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (100%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3014726 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 3014726 by changing the saturation by 10% instead.



 3014726

 3014726

 16771071

 1769519

 6303863

 281

 8013969

 0

 9724332

 11565767

 13341924

 15249407

 16763903

 3014726

■ 3147590

■ 3345990

■ 3478854

■ 3677254

■ 3810118

■ 3942982

■ 4141382

■ 4274246

■ 4472646

# Harmonies

## Analogous

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



6488



3014726



4718633

# Triad

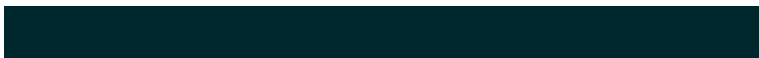
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3014726



2954240



10028

# Complementary

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



3014726



1590784

# 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.



9734



3014726



925184

# Square

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



3014726



4259840



9216



10057

# Rectangle

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



3014726



5046292



9216



10017



# Sweetspot

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



3014726



5390428



6470



2628910



11382189



3026478



# Same Dimension

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



3014726



3932252



4587580



2236452



4259939



9765091



# Inverse Universe

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



4587544



6029343



17930



2367521



6488098

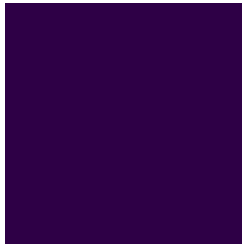


14876750



# Previews

## White Background



This preview shows how the Decimal color 3014726 looks on a white background.

## Color Contrast Check

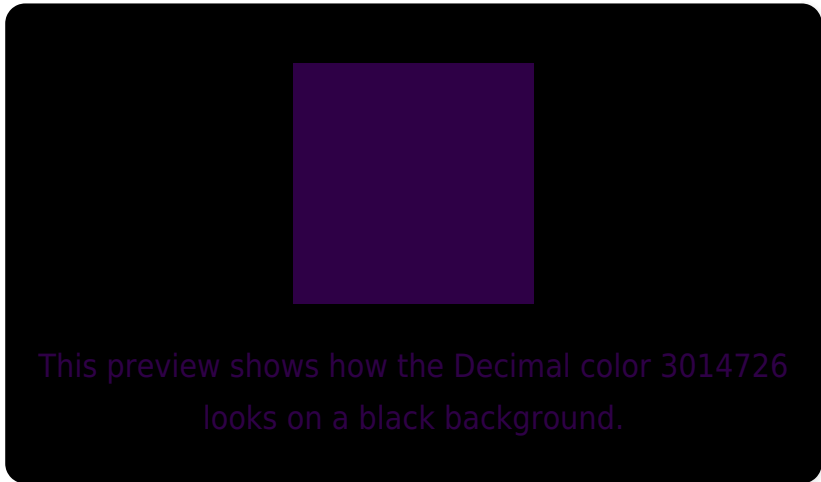
Large Text (above 18pt) WCAG AA ✓ Pass

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

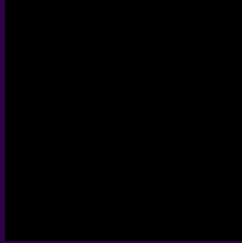
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3014726 Background



This preview shows how black text looks on a background with the Decimal color 3014726.



This preview shows how white text looks on a background with the Decimal color 3014726.

# 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**  
3014726

**Protanopia**  
7486

**Deuteranopia**  
7989



**Tritanopia**  
2497309

# Trichromacy



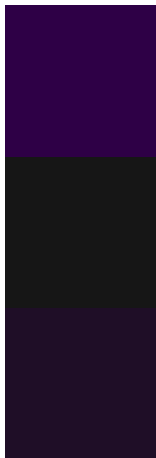
**Original Color**  
3014726

**Protanomaly**  
1118785

**Deuteranomaly**  
1119291

**Tritanomaly**  
2691372

# Monochromacy



**Original Color**  
3014726

**Achromatopsia**  
1447446

**Achromatomaly**  
2035239

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3014726 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 #2E0046 looks like.

```
.text, #text, p{  
    color:#2E0046  
}
```

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 #2E0046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0046
}
```

## Border

The CSS property to change the border of an element to Decimal 3014726 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".

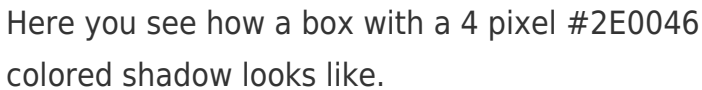
```
.border, #border, table{ border:4px solid
#2E0046 }
```

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

```
.border{ border-color:#2E0046 }
```

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

Here you see how a box with a 4 pixel #2E0046 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0046; -webkit-box-shadow:4px 4px  
4px 4px #2E0046; box-shadow:4px 4px 4px  
4px #2E0046 }
```

# Background

The CSS property to change the background color of an element to Decimal 3014726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0046 }
```

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

```
.background{ background-color:#2E0046 }
```

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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