

Converting Colors

Decimal(3021366)

Have a look what the booklet for
Decimal(3021366) contains.

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Color

Decimal(3021366)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 2E1A36 |
| RGB | 46, 26, 54 |
| RGB Percent | 18%, 10%, 21% |
| CMY | 0.8196, 0.8980, 0.7882 |
| CMYK | 0.15, 0.52, 0.00, 0.79 |
| HSL | 283°, 35%, 16% |
| HSV | 283°, 52%, 21% |
| XYZ | 2.1620, 1.5860, 3.6822 |
| YIQ | 35.1720, 2.9320, 12.9480 |

Conversions

Conversions Part 2

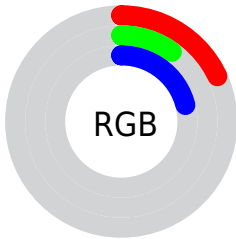
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 46, 26, 54 |
| Decimal | 3021366 |
| CIELab | 13.14, 16.05, -14.43 |
| CIELCh | 13, 21.578, 318.040 |
| Yxy | 1.5860, 0.2910, 0.2135 |
| Android (android.graphics.Color) | 4281211446 (0xFF2E1A36) |
| YUV | 35.1720, 9.2822, 9.4962 |
| Hunter-Lab | 12.5935, 8.6048, -8.5202 |

Details

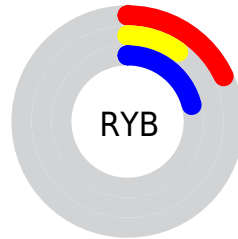
The Decimal color **3021366** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2242074**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **6112869**, and **6** is the 20% darker color. If you saturate the color by 10%, you get **2889014**, and if you desaturate by 10%, it is **3153718**.

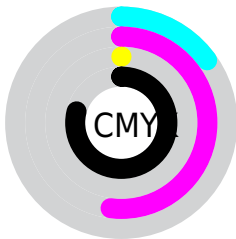
Distribution



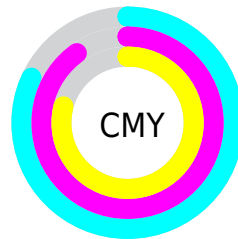
- Red (18%)
- Green (10%)
- Blue (21%)



- Red (18%)
- Yellow (10%)
- Blue (21%)



- Cyan (15%)
- Magenta (52%)
- Yellow (0%)
- Black (79%)



- Cyan (82%)
- Magenta (90%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3021366 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 3021366 by changing the saturation by 10% instead.

■ 3021366

■ 3021366

16777215

■ 1769505

■ 6112869

■ 6

■ 7691902

■ 0

■ 9402008

■ 11178163

■ 12954574

■ 14796522

■ 16704255

■ 3021366

■ 3021366

■ 2889014

■ 3153718

■ 2821942

■ 3220790

■ 2689590

■ 3353142

■ 2622518

■ 3420214

■ 2555958

■ 3552566

■ 3619382

■ 3751990

■ 3818806

■ 3951414

Harmonies

Analogous

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



1515582



3021366



3806504

Triad

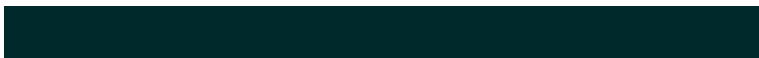
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3021366



3153664



10539

Complementary

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



3021366



2242074

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.



10523



3021366



2237440

Square

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



3021366



3741961



1058571



10296

Rectangle

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



3021366



4002846



1058571



10534

Sweetspot

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



3021366



4471879



1712694



2235684



10724259



2368548

Same Dimension

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



3021366



3873607



3545648



1775900



4325468



10289371

Inverse Universe

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



3545634



4660008



1717792



1841434



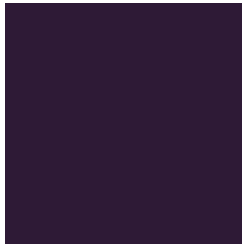
6029338



14352447

Previews

White Background



This preview shows how the Decimal color 3021366 looks on a white background.

Color Contrast Check

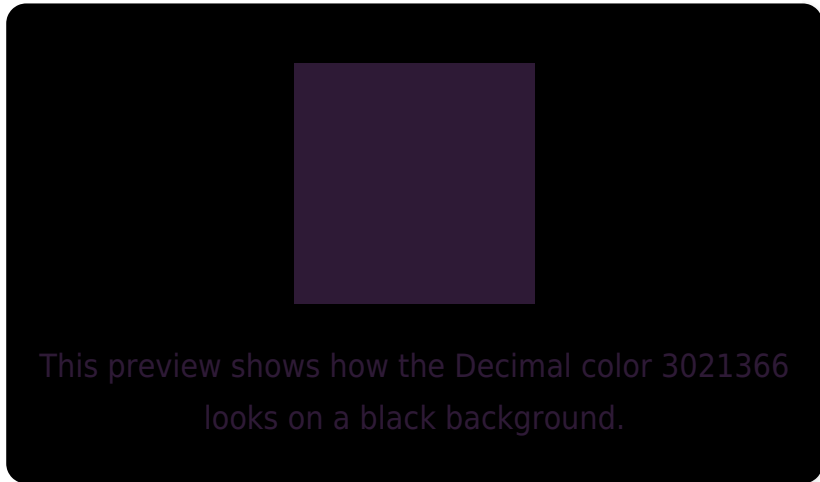
Large Text (above 18pt) WCAG AA ✓ Pass

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

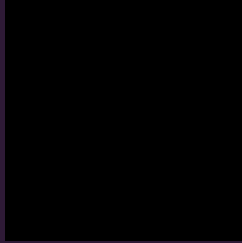
Any Text WCAG AA × Fail

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 3021366 Background



This preview shows how black text looks on a background with the Decimal color 3021366.



This preview shows how white text looks on a background with the Decimal color 3021366.

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
3021366

Protanopia
1450301

Deuteranopia
1712692



Tritanopia
2826017

Trichromacy



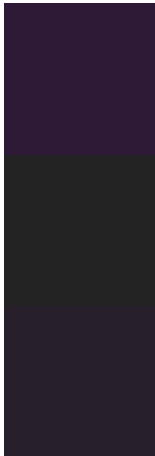
Original Color
3021366

Protanomaly
2039354

Deuteranomaly
2170677

Tritanomaly
2891049

Monochromacy



Original Color
3021366

Achromatopsia
2302755

Achromatomaly
2564138

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3021366 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 #2E1A36 looks like.

```
.text, #text, p{  
  color:#2E1A36  
}
```

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 #2E1A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E1A36
}
```

Border

The CSS property to change the border of an element to Decimal 3021366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

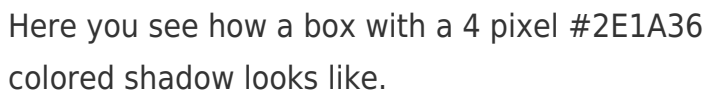
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E1A36 }
```

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

```
.border{ border-color:#2E1A36 }
```

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



Here you see how a box with a 4 pixel #2E1A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E1A36; -webkit-box-shadow:4px 4px  
4px 4px #2E1A36; box-shadow:4px 4px 4px  
4px #2E1A36 }
```

Background

The CSS property to change the background color of an element to Decimal 3021366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E1A36 }
```

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

```
.background{ background-color:#2E1A36 }
```

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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