

Converting Colors

Decimal(328037)

Have a look what the booklet for
Decimal(328037) contains.

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Color

Decimal(328037)

Conversions

Conversions Part 1

Format	Color
Hex	050165
RGB	5, 1, 101
RGB Percent	2%, 0%, 40%
CMY	0.9804, 0.9961, 0.6039
CMYK	0.95, 0.99, 0.00, 0.60
HSL	242°, 98%, 20%
HSV	242°, 99%, 40%
XYZ	2.4224, 0.9936, 12.3760
YIQ	13.5960, -29.7160, 31.9480

Conversions

Conversions Part 2

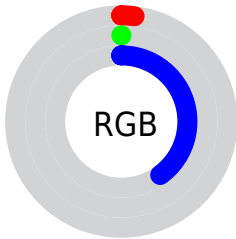
Format	Color
R _Y B	5, 1, 101
Decimal	328037
CIE Lab	8.94, 39.65, -53.88
CIE LCh	9, 66.902, 306.349
Yxy	0.9936, 0.1534, 0.0629
Android (android.graphics.Color)	4278518117 (0xFF050165)
YUV	13.5960, 43.0902, -7.5387
Hunter-Lab	9.9677, 25.9363, -66.6375

Details

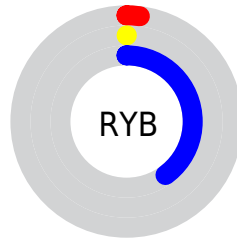
The Decimal color **328037** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6382849**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **4927385**, and **1332** is the 20% darker color. If you saturate the color by 10%, you get **262245**, and if you desaturate by 10%, it is **985957**.

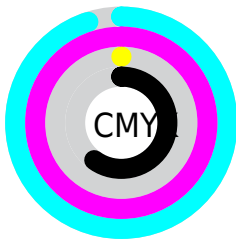
Distribution



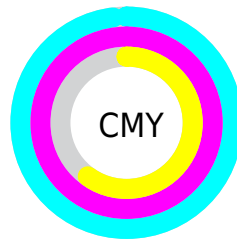
- Red (2%)
- Green (0%)
- Blue (40%)



- Red (2%)
- Yellow (0%)
- Blue (40%)



- Cyan (95%)
- Magenta (99%)
- Yellow (0%)
- Black (60%)



- Cyan (98%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 328037 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 328037 by changing the saturation by 10% instead.

■ 328037

■ 328037

■ 16770559

■ 76

■ 4927385

■ 1332

■ 6768565

■ 542

■ 8544209

■ 1

■ 10451181

■ 0

■ 12293119

■ 14200319

■ 16173567

■ 328037

■ 328037

■ 262245

■ 985957

■ 1578341

■ 2236261

■ 2894181

■ 3486821

■ 4144741

■ 4802661

■ 5460581

■ 6052965

Harmonies

Analogous

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



8568



328037



5242943

Triad

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



328037



3867392



9762

Complementary

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



328037



6382849

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.



9472



328037



1579776

Square

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



328037



5505024



9472



10575

Rectangle

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



328037



6029345



9472



9746

Sweetspot

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



328037



6118274



90725



2828866



12763842



4342338

Same Dimension

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



328037



327810



3539301



3026483



327795



655602

Inverse Universe

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



6619489



8519805



3171585



3354163



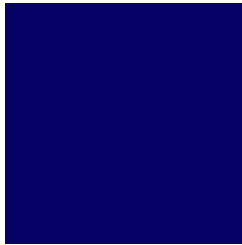
7536750



15859945

Previews

White Background



This preview shows how the Decimal color 328037 looks on a white background.

Color Contrast Check

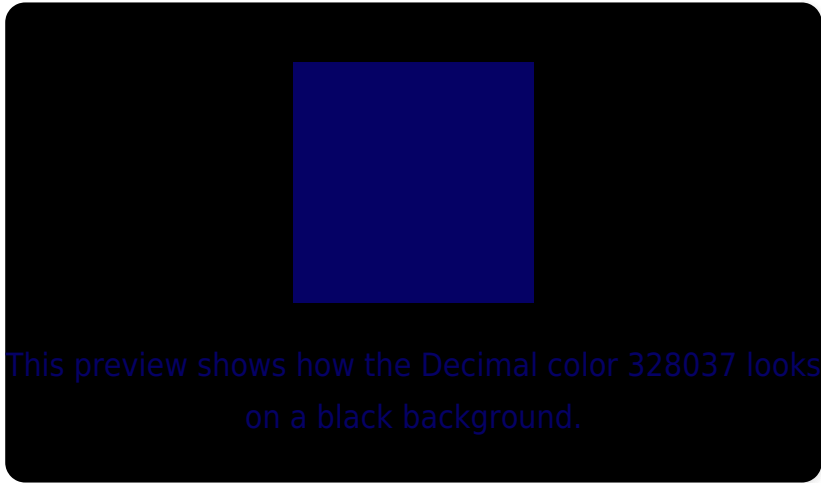
Large Text (above 18pt) WCAG AA ✓ Pass

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

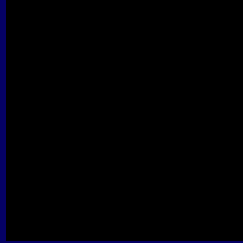
Any Text WCAG AA × Fail

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 328037 Background



This preview shows how black text looks on a background with the Decimal color 328037.



This preview shows how white text looks on a background with the Decimal color 328037.

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
328037

Protanopia
7742

Deuteranopia
8244

Trichromacy



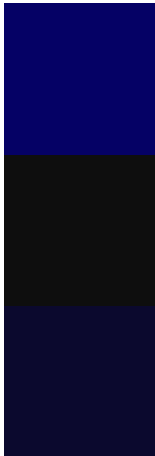
Original Color
328037

Protanomaly
136012

Deuteranomaly
136518

Tritanomaly
136764

Monochromacy



Original Color
328037

Achromatopsia
921102

Achromatomaly
723246

CSS Examples

Text

The CSS property to change the color of the text to Decimal 328037 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 #050165 looks like.

```
.text, #text, p{  
    color:#050165  
}
```

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 #050165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050165
}
```

Border

The CSS property to change the border of an element to Decimal 328037 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
#050165 }
```

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

```
.border{ border-color:#050165 }
```

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

Here you see how a box with a 4 pixel #050165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050165; -webkit-box-shadow:4px 4px  
4px 4px #050165; box-shadow:4px 4px 4px  
4px #050165 }
```

Background

The CSS property to change the background color of an element to Decimal 328037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050165 }
```

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

```
.background{ background-color:#050165 }
```

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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