

Converting Colors

Decimal(4328304)

Have a look what the booklet for
Decimal(4328304) contains.

Decimal(4328304)	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(4328304)

Conversions

Conversions Part 1

Format	Color
Hex	420B70
RGB	66, 11, 112
RGB Percent	26%, 4%, 44%
CMY	0.7412, 0.9569, 0.5608
CMYK	0.41, 0.90, 0.00, 0.56
HSL	273°, 82%, 24%
HSV	273°, 90%, 44%
XYZ	5.2911, 2.5674, 15.5459
YIQ	38.9590, 0.3590, 43.0710

Conversions

Conversions Part 2

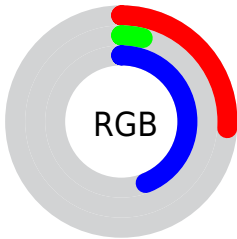
Format	Color
RYB	66, 11, 112
Decimal	4328304
CIELab	18.22, 43.41, -45.53
CIELCh	18, 62.908, 313.635
Yxy	2.5674, 0.2261, 0.1097
Android (android.graphics.Color)	4282518384 (0xFF420B70)
YUV	38.9590, 36.0092, 23.7150
Hunter-Lab	16.0233, 30.9021, -46.3075

Details

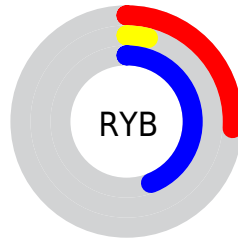
The Decimal color **4328304** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3764235**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **7815077**, and **983103** is the 20% darker color. If you saturate the color by 10%, you get **3997808**, and if you desaturate by 10%, it is **4658800**.

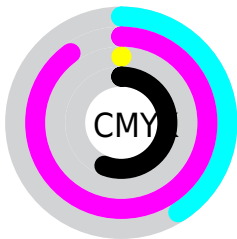
Distribution



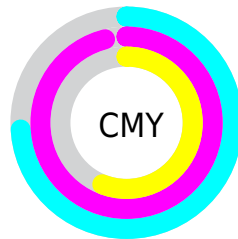
- Red (26%)
- Green (4%)
- Blue (44%)



- Red (26%)
- Yellow (4%)
- Blue (44%)



- Cyan (41%)
- Magenta (90%)
- Yellow (0%)
- Black (56%)



- Cyan (74%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4328304 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 4328304 by changing the saturation by 10% instead.

■ 4328304

■ 4328304

■ 16776447

■ 2555991

■ 7815077

■ 983103

■ 9590976

■ 808

■ 11432668

■ 274

■ 13339897

■ 0

■ 15247359

■ 16761855

■ 16769023

■ 4328304

■ 4328304

■ 3997808

■ 4658800

■ 4989296

■ 5320048

■ 5650544

■ 6046576

■ 6377072

■ 6707568

■ 7038320

■ 7368816

Harmonies

Analogous

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



11656



4328304



7077959

Triad

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



4328304



4989184



15681

Complementary

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



4328304



3764235

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.



15120



4328304



2437376

Square

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



4328304



6815744



14336



15724

Rectangle

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



4328304



7667753



14336



15409

Sweetspot

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



4328304



8350353



735856



4141642



13224393



4868682

Same Dimension

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



4328304



5177489



7342957



3551800



4259960



8847607

Inverse Universe

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



7342905



9502786



749582



3682869



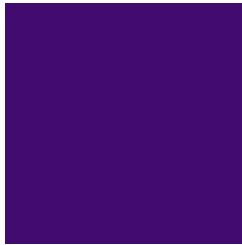
7864375



16187505

Previews

White Background



This preview shows how the Decimal color 4328304 looks on a white background.

Color Contrast Check

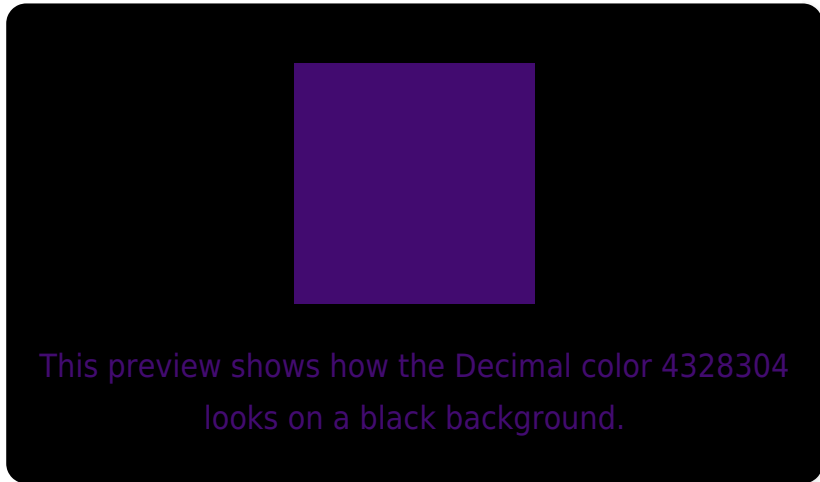
Large Text (above 18pt) WCAG AA ✓ Pass

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

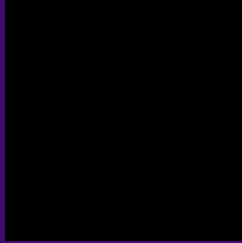
Any Text WCAG AA × Fail

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 4328304 Background



This preview shows how black text looks on a background with the Decimal color 4328304.




This preview shows how white text looks on a background with the Decimal color 4328304.

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
3419440

Trichromacy



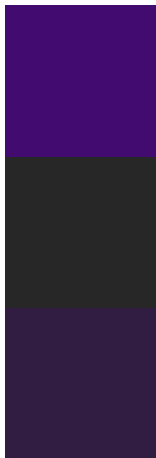
Original Color
4328304

Protanomaly
1581413

Deuteranomaly
1581917

Tritanomaly
3744071

Monochromacy



Original Color
4328304

Achromatopsia
2565927

Achromatomaly
3218754

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4328304 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 #420B70 looks like.

```
.text, #text, p{  
    color:#420B70  
}
```

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 #420B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420B70
}
```

Border

The CSS property to change the border of an element to Decimal 4328304 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
#420B70 }
```

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

```
.border{ border-color:#420B70 }
```

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

Here you see how a box with a 4 pixel #420B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420B70; -webkit-box-shadow:4px 4px  
4px 4px #420B70; box-shadow:4px 4px 4px  
4px #420B70 }
```

Background

The CSS property to change the background color of an element to Decimal 4328304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420B70 }
```

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

```
.background{ background-color:#420B70 }
```

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