

Converting Colors

Decimal(3218014)

Have a look what the booklet for
Decimal(3218014) contains.

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Color

Decimal(3218014)

Conversions

Conversions Part 1

Format	Color
Hex	311A5E
RGB	49, 26, 94
RGB Percent	19%, 10%, 37%
CMY	0.8078, 0.8980, 0.6314
CMYK	0.48, 0.72, 0.00, 0.63
HSL	260°, 57%, 24%
HSV	260°, 72%, 37%
XYZ	3.6564, 2.1999, 10.8216
YIQ	40.6290, -8.1200, 26.0240

Conversions

Conversions Part 2

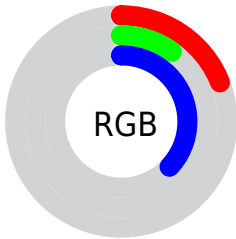
Format	Color
R_{YB}	49, 26, 94
Decimal	3218014
CIE Lab	16.50, 28.69, -36.60
CIE LCh	17, 46.505, 308.089
Yxy	2.1999, 0.2192, 0.1319
Android (android.graphics.Color)	4281408094 (0xFF311A5E)
YUV	40.6290, 26.3119, 7.3414
Hunter-Lab	14.8321, 18.0475, -32.8759

Details

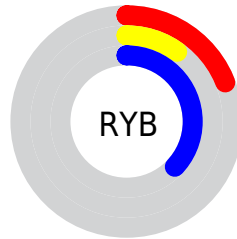
The Decimal color **3218014** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4677146**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **6571921**, and **47** is the 20% darker color. If you saturate the color by 10%, you get **2822494**, and if you desaturate by 10%, it is **3613534**.

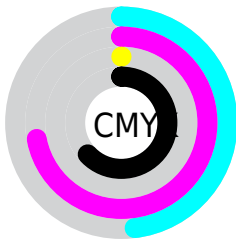
Distribution



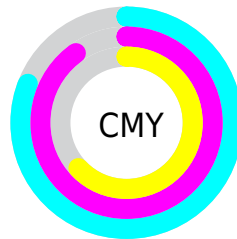
- Red (19%)
- Green (10%)
- Blue (37%)



- Red (19%)
- Yellow (10%)
- Blue (37%)



- Cyan (48%)
- Magenta (72%)
- Yellow (0%)
- Black (63%)



- Cyan (81%)
- Magenta (90%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3218014 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 3218014 by changing the saturation by 10% instead.

■ 3218014

■ 3218014

16777215

■ 1508422

■ 6571921

■ 47

■ 8282028

■ 281

■ 10057927

■ 0

■ 11834084

■ 13676031

■ 15583743

■ 16770559

■ 3218014

■ 3218014

■ 2822494

■ 3613534

■ 2426718

■ 4009310

■ 2097246

■ 4470366

■ 4866142

■ 5261662

■ 5657182

■ 6118494

■ 6514014

■ 6909790

Harmonies

Analogous

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



11116



3218014



5570626

Triad

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



3218014



4660480



13873

Complementary

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



3218014



4677146

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.



13581



3218014



2894592

Square

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



3218014



5898752



78080



13906

Rectangle

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



3218014



6225965



78080



13862

Sweetspot

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



3218014



6905722



1722206



3353917



12434877



4013373

Same Dimension

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



3218014



3412090



5446238



2828590



2424942



5243117

Inverse Universe

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



6167111



7999574



2448922



3025196



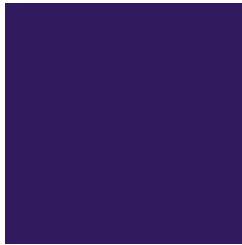
7209033



15532189

Previews

White Background



This preview shows how the Decimal color 3218014 looks on a white background.

Color Contrast Check

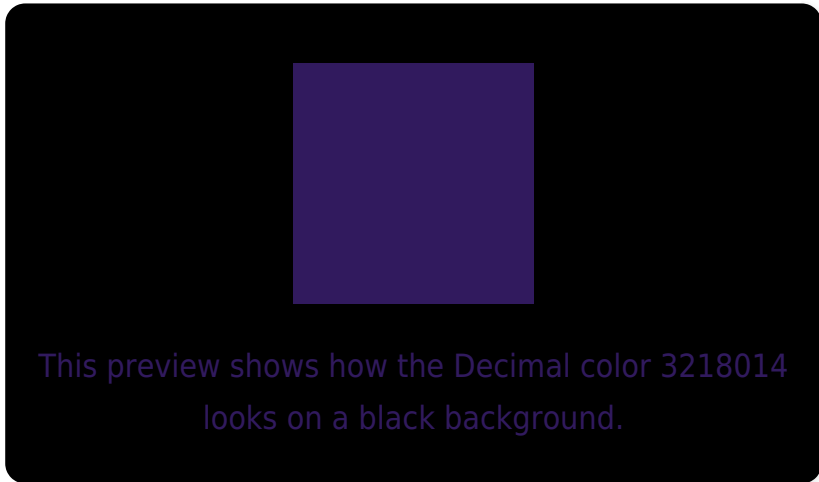
Large Text (above 18pt) WCAG AA ✓ Pass

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

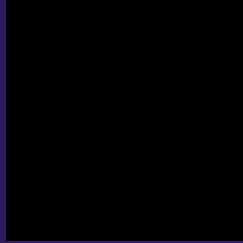
Any Text WCAG AA × Fail

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 3218014 Background



This preview shows how black text looks on a background with the Decimal color 3218014.



This preview shows how white text looks on a background with the Decimal color 3218014.

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

3218014

Protanopia

10325

Deuteranopia

11081



Tritanopia
2370350

Trichromacy



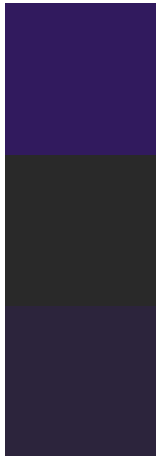
Original Color
3218014

Protanomaly
1188696

Deuteranomaly
1189201

Tritanomaly
2696511

Monochromacy



Original Color
3218014

Achromatopsia
2697513

Achromatomaly
2892860

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3218014 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 #311A5E looks like.

```
.text, #text, p{  
    color:#311A5E  
}
```

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 #311A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311A5E
}
```

Border

The CSS property to change the border of an element to Decimal 3218014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

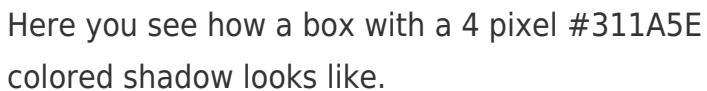
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311A5E }
```

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

```
.border{ border-color:#311A5E }
```

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



Here you see how a box with a 4 pixel #311A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311A5E; -webkit-box-shadow:4px 4px  
4px 4px #311A5E; box-shadow:4px 4px 4px  
4px #311A5E }
```

Background

The CSS property to change the background color of an element to Decimal 3218014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311A5E }
```

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

```
.background{ background-color:#311A5E }
```

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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