

Converting Colors

Decimal(2431564)

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Decimal(2431564) contains.

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Color

Decimal(2431564)

Conversions

Conversions Part 1	
Format	Color
Hex	251A4C
RGB	37, 26, 76
RGB Percent	15%, 10%, 30%
CMY	0.8549, 0.8980, 0.7020
CMYK	0.51, 0.66, 0.00, 0.70
HSL	253°, 49%, 20%
HSV	253°, 66%, 30%
XYZ	2.4369, 1.6539, 7.0283
YIQ	34.9890, -9.4940, 17.8820

Conversions

Conversions Part 2

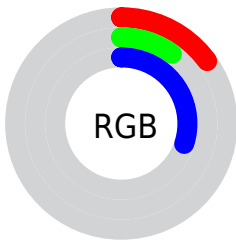
Format	Color
RYB	37, 26, 76
Decimal	2431564
CIELab	13.55, 20.04, -29.27
CIELCh	14, 35.476, 304.401
Yxy	1.6539, 0.2192, 0.1487
Android (android.graphics.Color)	4280621644 (0xFF251A4C)
YUV	34.9890, 20.2184, 1.7636
Hunter-Lab	12.8604, 11.3172, -23.3999

Details

The Decimal color **2431564** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4279322**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **5654141**, and **543** is the 20% darker color. If you saturate the color by 10%, you get **2036300**, and if you desaturate by 10%, it is **2826828**.

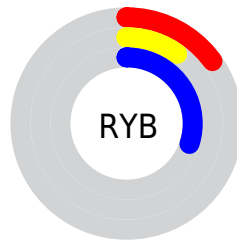
Distribution



Red (15%)

Green (10%)

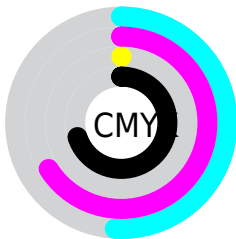
Blue (30%)



Red (15%)

Yellow (10%)

Blue (30%)

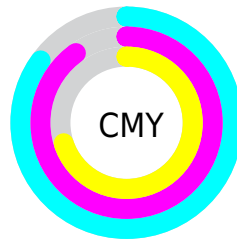


Cyan (51%)

Magenta (66%)

Yellow (0%)

Black (70%)



Cyan (85%)

Magenta (90%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2431564 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 2431564 by changing the saturation by 10% instead.

 2431564

 2431564

16777215

 983349

 5654141

 543

 7298456

 2

 9008818

 0

 10784974

 12561386

 14403327

 16311039

 2431564

 2431564

■ 2036300

■ 2826828

■ 1641292

■ 3221836

■ 1246028

■ 3617100

■ 1114188

■ 4012108

■ 4407372

■ 4802636

■ 5132108

■ 5527372

■ 5922380

Harmonies

Analogous

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



9557



2431564



4327737

Triad

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



2431564



4004096



11558

Complementary

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



2431564



4279322

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.



11274



2431564



2695936

Square

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



2431564



4851970



1059072



11582

Rectangle

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



2431564



4915496



1059072



11549

Sweetspot

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



2431564



5525603



1720652



2697011



11776947



3355443

Same Dimension

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



2431564



2495843



4069964



2302502



1441894



3277030

Inverse Universe

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



4987457



6493522



2640922



2499109



6684752



15073459

Previews

White Background



This preview shows how the Decimal color 2431564 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



This preview shows how the Decimal color 2431564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

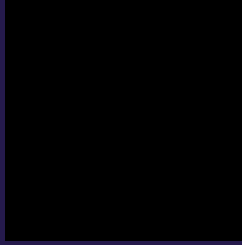
Any Text WCAG AA × Fail

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 2431564 Background



This preview shows how black text looks on a background with the Decimal color 2431564.



This preview shows how white text looks on a background with the Decimal color 2431564.

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
2431564

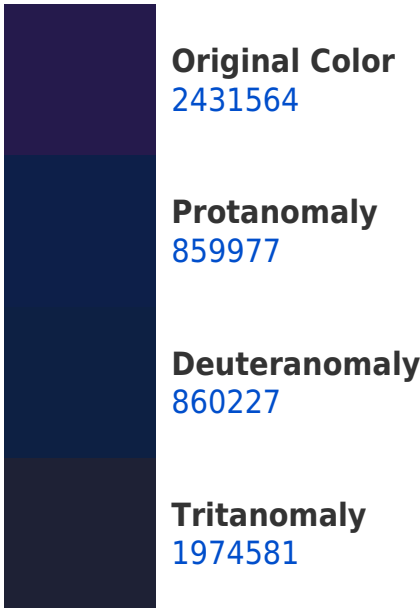
Protanopia
8776

Deuteranopia
9278

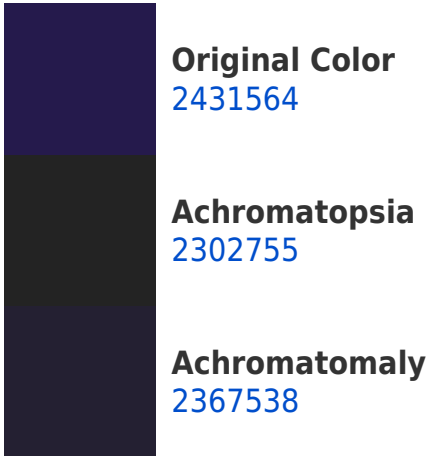


Tritanopia
1713448

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2431564 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 #251A4C looks like.

```
.text, #text, p{  
    color:#251A4C  
}
```

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 #251A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251A4C
}
```

Border

The CSS property to change the border of an element to Decimal 2431564 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
#251A4C }
```

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

```
.border{ border-color:#251A4C }
```

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

Here you see how a box with a 4 pixel #251A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251A4C; -webkit-box-shadow:4px 4px  
4px 4px #251A4C; box-shadow:4px 4px 4px  
4px #251A4C }
```

Background

The CSS property to change the background color of an element to Decimal 2431564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251A4C }
```

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

```
.background{ background-color:#251A4C }
```

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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