

Converting Colors

Decimal(5324437)

Have a look what the booklet for
Decimal(5324437) contains.

Decimal(5324437)	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(5324437)

Conversions

Conversions Part 1

Format	Color
Hex	513E95
RGB	81, 62, 149
RGB Percent	32%, 24%, 58%
CMY	0.6824, 0.7569, 0.4157
CMYK	0.46, 0.58, 0.00, 0.42
HSL	253°, 41%, 41%
HSV	253°, 58%, 58%
XYZ	10.5408, 7.3645, 29.2997
YIQ	77.5990, -16.6030, 31.0850

Conversions

Conversions Part 2

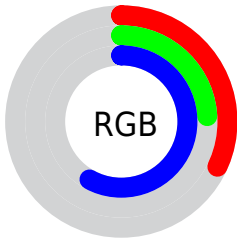
Format	Color
R_{YB}	81, 62, 149
Decimal	5324437
CIE _{Lab}	32.62, 30.64, -45.29
CIE _{LCh}	33, 54.681, 304.082
Yxy	7.3645, 0.2233, 0.1560
Android (android.graphics.Color)	4283514517 (0xFF513E95)
YUV	77.5990, 35.2007, 2.9827
Hunter-Lab	27.1376, 21.8420, -45.0174

Details

The Decimal color **5324437** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8557886**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **8875724**, and **1577569** is the 20% darker color. If you saturate the color by 10%, you get **4534165**, and if you desaturate by 10%, it is **6114709**.

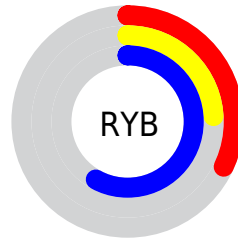
Distribution



Red (32%)

Green (24%)

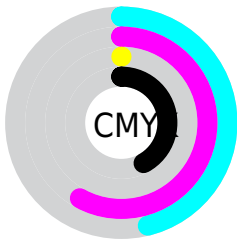
Blue (58%)



Red (32%)

Yellow (24%)

Blue (58%)

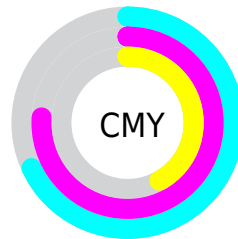


Cyan (46%)

Magenta (58%)

Yellow (0%)

Black (42%)



Cyan (68%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5324437 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 5324437 by changing the saturation by 10% instead.

■ 5324437

■ 5324437

16777215

■ 3549051

■ 8875724

■ 1577569

■ 10651880

■ 73

■ 12559103

■ 1074

■ 14401023

■ 284

■ 16308735

■ 0

■ 16774911

■ 5324437

■ 5324437

■ 4534165

■ 6114709

■ 3809429

■ 6839445

■ 3019157

■ 7629717

■ 2228885

■ 8419989

■ 2162837

■ 9144725

■ 9934741

■ 10725013

■ 11449749

■ 12240021

Harmonies

Analogous

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



20900



5324437



8660083

Triad

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



5324437



8076288



24402

Complementary

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



5324437



8557886

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.



23844



5324437



5852416

Square

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



5324437



9511711



2840320



24444

Rectangle

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



5324437



9638743



2840320



24387

Sweetspot

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



5324437



10985410



4096661



5262433



14737632



6381921

Same Dimension

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



5324437



5782210



8142485



4473674



1966218



131082

Inverse Universe

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



9780866



12728996



5739838



4866888



9044076



655368

Previews

White Background



This preview shows how the Decimal color 5324437 looks on a white background.

Color Contrast Check

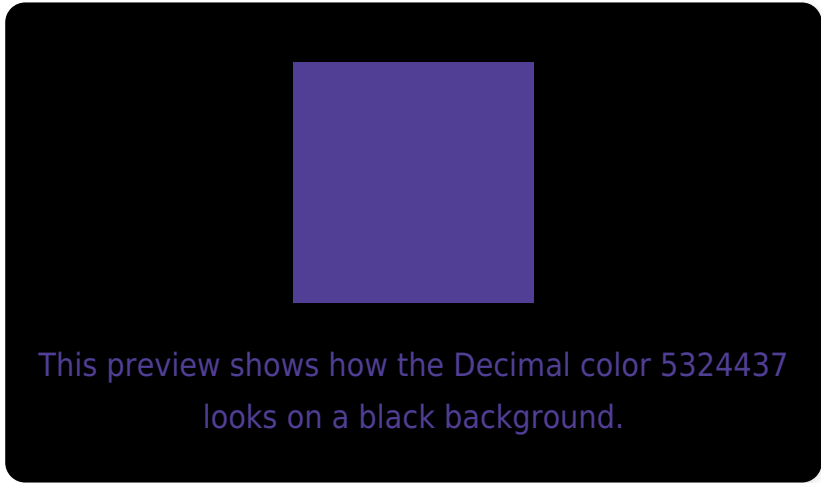
Large Text (above 18pt) WCAG AA ✓ Pass

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 5324437 Background



This preview shows how black text looks on a background with the Decimal color 5324437.

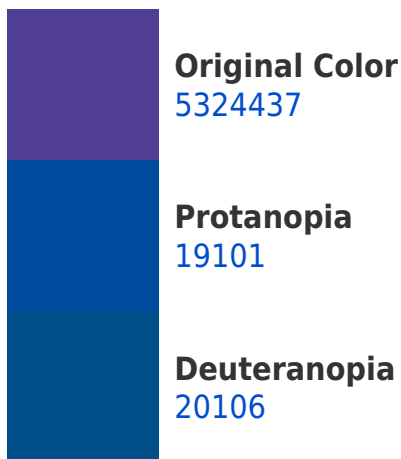


This preview shows how white text looks on a background with the Decimal color 5324437.

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



Trichromacy



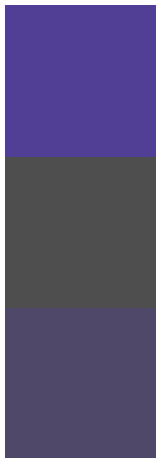
Original Color
5324437

Protanomaly
1918618

Deuteranomaly
1919118

Tritanomaly
4606317

Monochromacy



Original Color
5324437

Achromatopsia
5131854

Achromatomaly
5195880

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5324437 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 #513E95 looks like.

```
.text, #text, p{  
    color:#513E95  
}
```

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 #513E95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513E95
}
```

Border

The CSS property to change the border of an element to Decimal 5324437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

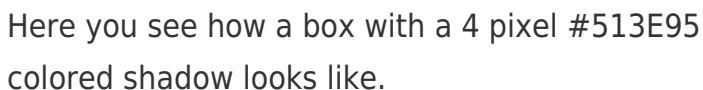
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513E95 }
```

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

```
.border{ border-color:#513E95 }
```

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



Here you see how a box with a 4 pixel #513E95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513E95; -webkit-box-shadow:4px 4px  
4px 4px #513E95; box-shadow:4px 4px 4px  
4px #513E95 }
```

Background

The CSS property to change the background color of an element to Decimal 5324437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513E95 }
```

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

```
.background{ background-color:#513E95 }
```

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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