

Converting Colors

Decimal(4134821)

Have a look what the booklet for
Decimal(4134821) contains.

Decimal(4134821)	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(4134821)

Conversions

Conversions Part 1

Format	Color
Hex	3F17A5
RGB	63, 23, 165
RGB Percent	25%, 9%, 65%
CMY	0.7529, 0.9098, 0.3529
CMYK	0.62, 0.86, 0.00, 0.35
HSL	257°, 76%, 37%
HSV	257°, 86%, 65%
XYZ	9.1478, 4.3862, 35.9618
YIQ	51.1480, -21.7420, 52.6420

Conversions

Conversions Part 2

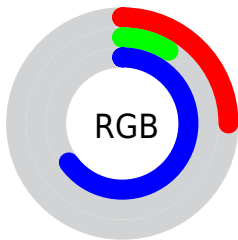
Format	Color
R_{YB}	63, 23, 165
Decimal	4134821
CIE _{Lab}	24.91, 52.81, -67.71
CIE _{LCh}	25, 85.870, 307.948
Yxy	4.3862, 0.1848, 0.0886
Android (android.graphics.Color)	4282324901 (0xFF3F17A5)
YUV	51.1480, 56.1290, 10.3942
Hunter-Lab	20.9432, 41.3169, -87.1473

Details

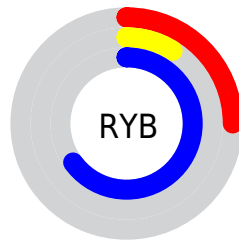
The Decimal color **4134821** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8234263**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **8145885**, and **112** is the 20% darker color. If you saturate the color by 10%, you get **3344293**, and if you desaturate by 10%, it is **4925349**.

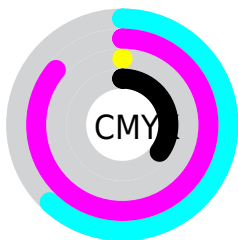
Distribution



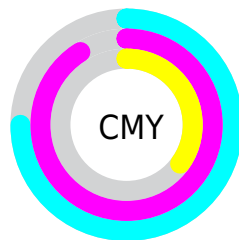
- Red (25%)
- Green (9%)
- Blue (65%)



- Red (25%)
- Yellow (9%)
- Blue (65%)



- Cyan (62%)
- Magenta (86%)
- Yellow (0%)
- Black (35%)



- Cyan (75%)
- Magenta (91%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4134821 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 4134821 by changing the saturation by 10% instead.



4134821



4134821

16777215



1573002



8145885



112



10052858



86



11960063



1598



13933055



807



15906303



272



16765439



0



16772607



4134821



4134821

■ 3344293

■ 4925349

■ 3014821

■ 5716133

■ 6506661

■ 7231909

■ 8022693

■ 8813221

■ 9604005

■ 10394533

■ 11185061

Harmonies

Analogous

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



17089



4134821



9306221

Triad

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



4134821



7217408



20556

Complementary

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



4134821



8234263

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.



19968



4134821



3817216

Square

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



4134821



9633792



18944



21132

Rectangle

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



4134821



10485827



18944



20277

Sweetspot

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



4134821



11444182



1540005



5458539



15461355



7039851

Same Dimension

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



4134821



3932374



8656805



4999506



2687121



327698

Inverse Universe

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



10819453



14024858



3712279



5392719



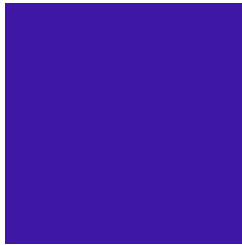
9502824



1179661

Previews

White Background



This preview shows how the Decimal color 4134821 looks on a white background.

Color Contrast Check

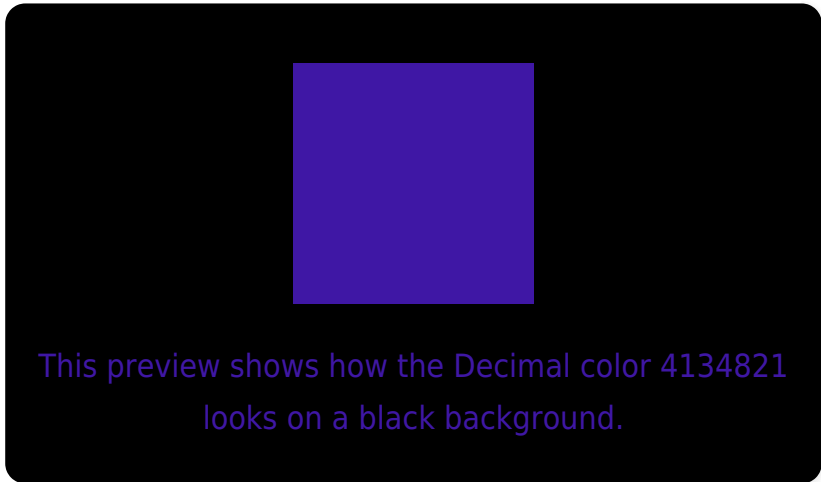
Large Text (above 18pt) WCAG AA ✓ Pass

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

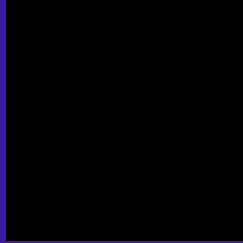
Any Text WCAG AA × Fail

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 4134821 Background



This preview shows how black text looks on a background with the Decimal color 4134821.



This preview shows how white text looks on a background with the Decimal color 4134821.

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
4134821

Protanomaly
1518986

Deuteranomaly
1519742

Tritanomaly
1520490

Monochromacy



Original Color
4134821

Achromatopsia
3355443

Achromatomaly
3615068

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4134821 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 #3F17A5 looks like.

```
.text, #text, p{  
  color:#3F17A5  
}
```

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 #3F17A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F17A5  
}
```

Border

The CSS property to change the border of an element to Decimal 4134821 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".

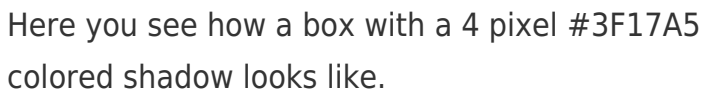
```
.border, #border, table{ border:4px solid  
#3F17A5 }
```

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

```
.border{ border-color:#3F17A5 }
```

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

Here you see how a box with a 4 pixel #3F17A5 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F17A5; -webkit-box-shadow:4px 4px  
4px 4px #3F17A5; box-shadow:4px 4px 4px  
4px #3F17A5 }
```

Background

The CSS property to change the background color of an element to Decimal 4134821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F17A5 }
```

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

```
.background{ background-color:#3F17A5 }
```

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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