

Converting Colors

Decimal(4136821)

Have a look what the booklet for
Decimal(4136821) contains.

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Color

Decimal(4136821)

Conversions

Conversions Part 1

Format	Color
Hex	3F1F75
RGB	63, 31, 117
RGB Percent	25%, 12%, 46%
CMY	0.7529, 0.8784, 0.5412
CMYK	0.46, 0.74, 0.00, 0.54
HSL	262°, 58%, 29%
HSV	262°, 74%, 46%
XYZ	5.7508, 3.3211, 17.1676
YIQ	50.3720, -8.5340, 33.5300

Conversions

Conversions Part 2

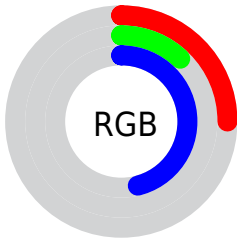
Format	Color
RYB	63, 31, 117
Decimal	4136821
CIELab	21.29, 35.57, -43.76
CIELCh	21, 56.395, 309.108
Yxy	3.3211, 0.2192, 0.1266
Android (android.graphics.Color)	4282326901 (0xFF3F1F75)
YUV	50.3720, 32.8476, 11.0748
Hunter-Lab	18.2239, 24.4362, -43.0967

Details

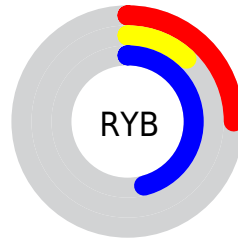
The Decimal color **4136821** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5600543**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **7622314**, and **786500** is the 20% darker color. If you saturate the color by 10%, you get **3674997**, and if you desaturate by 10%, it is **4598645**.

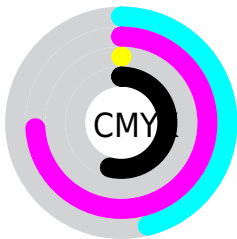
Distribution



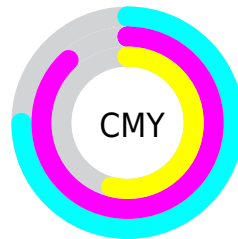
- Red (25%)
- Green (12%)
- Blue (46%)



- Red (25%)
- Yellow (12%)
- Blue (46%)



- Cyan (46%)
- Magenta (74%)
- Yellow (0%)
- Black (54%)



- Cyan (75%)
- Magenta (88%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4136821 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 4136821 by changing the saturation by 10% instead.



4136821



4136821

16777215



2361180



7622314



786500



9398214



812



11174114



279



13081599



0



14923519



16765695



16772863



4136821



4136821

■ 3674997

■ 4598645

■ 3147893

■ 5125749

■ 2883701

■ 5587573

■ 6049397

■ 6576757

■ 7038325

■ 7500149

■ 8027509

■ 8489077

Harmonies

Analogous

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



13703



4136821



7012434

Triad

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



4136821



5711104



17215

Complementary

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



4136821



5600543

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.



16658



4136821



3487232

Square

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



4136821



7274496



15872



17256

Rectangle

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



4136821



7733302



15872



17201

Sweetspot

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



4136821



8681369



2053493



4208973



13421772



5066061

Same Dimension

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



4136821



4461209



6954869



3618107



3014778



6095098

Inverse Universe

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



7675733



10031719



2782495



3880248



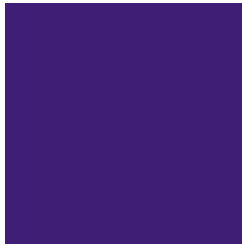
7995469



16384157

Previews

White Background



This preview shows how the Decimal color 4136821 looks on a white background.

Color Contrast Check

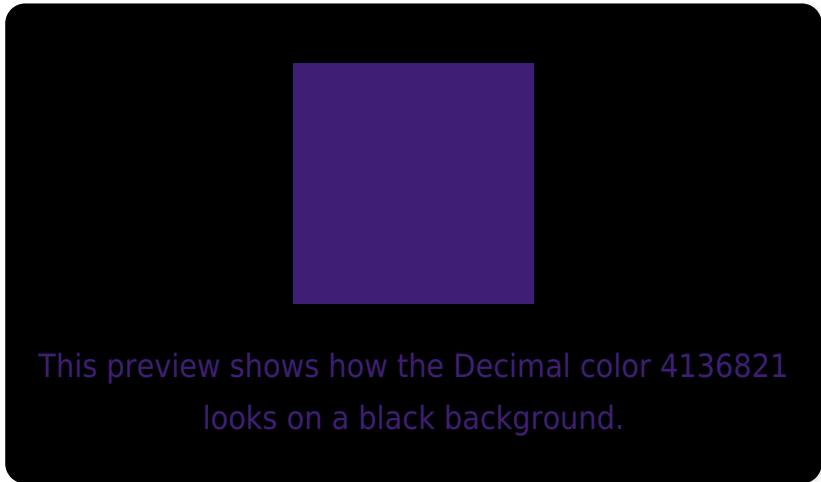
Large Text (above 18pt) WCAG AA ✓ Pass

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

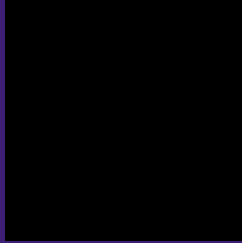
Any Text WCAG AA × Fail

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 4136821 Background



This preview shows how black text looks on a background with the Decimal color 4136821.



This preview shows how white text looks on a background with the Decimal color 4136821.

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
3159097

Trichromacy



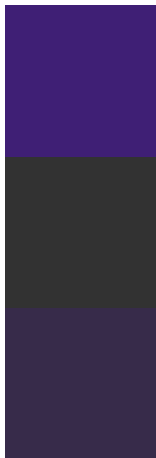
Original Color
4136821

Protanomaly
1518446

Deuteranomaly
1518948

Tritanomaly
3484751

Monochromacy



Original Color
4136821

Achromatopsia
3289650

Achromatomaly
3615562

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4136821 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 #3F1F75 looks like.

```
.text, #text, p{  
    color:#3F1F75  
}
```

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 #3F1F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1F75  
}
```

Border

The CSS property to change the border of an element to Decimal 4136821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

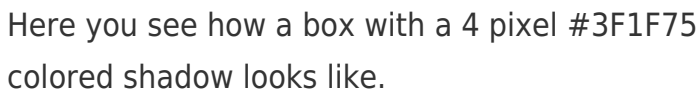
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3F1F75 }
```

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

```
.border{ border-color:#3F1F75 }
```

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



Here you see how a box with a 4 pixel #3F1F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1F75; -webkit-box-shadow:4px 4px  
4px 4px #3F1F75; box-shadow:4px 4px 4px  
4px #3F1F75 }
```

Background

The CSS property to change the background color of an element to Decimal 4136821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1F75 }
```

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

```
.background{ background-color:#3F1F75 }
```

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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