

Converting Colors

Decimal(5111876)

Have a look what the booklet for
Decimal(5111876) contains.

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Color

Decimal(5111876)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4E0044 |
| RGB | 78, 0, 68 |
| RGB Percent | 31%, 0%, 27% |
| CMY | 0.6941, 1.0000, 0.7333 |
| CMYK | 0.00, 1.00, 0.13, 0.69 |
| HSL | 308°, 100%, 15% |
| HSV | 308°, 100%, 31% |
| XYZ | 4.1853, 2.0371, 5.6414 |
| YIQ | 31.0740, 24.6600, 37.6840 |

Conversions

Conversions Part 2

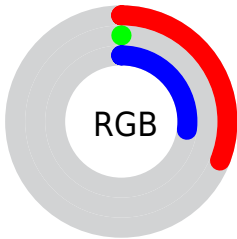
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 78, 0, 68 |
| Decimal | 5111876 |
| CIE _{Lab} | 15.68, 40.01, -19.94 |
| CIE _{LCh} | 16, 44.702, 333.510 |
| Yxy | 2.0371, 0.3528, 0.1717 |
| Android (android.graphics.Color) | 4283301956 (0xFF4E0044) |
| YUV | 31.0740, 18.2045, 41.1541 |
| Hunter-Lab | 14.2725, 27.3663, -13.4445 |

Details

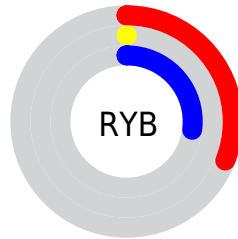
The Decimal color **5111876** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19978**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **8534132**, and **1900569** is the 20% darker color. If you saturate the color by 10%, you get **5111876**, and if you desaturate by 10%, it is **5113925**.

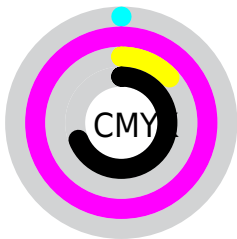
Distribution



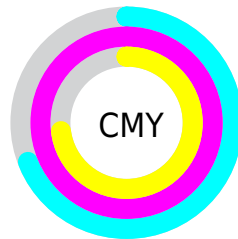
- Red (31%)
- Green (0%)
- Blue (27%)



- Red (31%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5111876 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 5111876 by changing the saturation by 10% instead.

 5111876

 5111876

 16774399

 3473454

 8534132

 1900569

 10310030

 0

 12151721

 13993412

 15900896

 16759805

 16767231

 5111876

■ 5113925

■ 5115974

■ 5117767

■ 5119816

■ 5121865

■ 5123914

■ 5125963

■ 5127756

■ 5129805

Harmonies

Analogous

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



2497629



5111876



5963813

Triad

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



5111876



3024640



13386

Complementary

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



5111876



19978

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.



13354



5111876



732928

Square

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



5111876



4659456



12805



12897

Rectangle

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



5111876



5898256



12805



13376

Sweetspot

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



5111876



6702946



589902



3350833



11776947



3355443

Same Dimension

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



5111876



6684761



5111838



2499110



15073480

Inverse Universe

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



5111876



6684761



20016



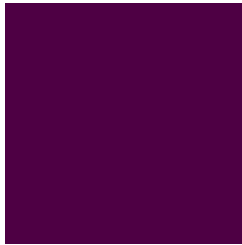
2499110



15073480

Previews

White Background



This preview shows how the Decimal color 5111876 looks on a white background.

Color Contrast Check

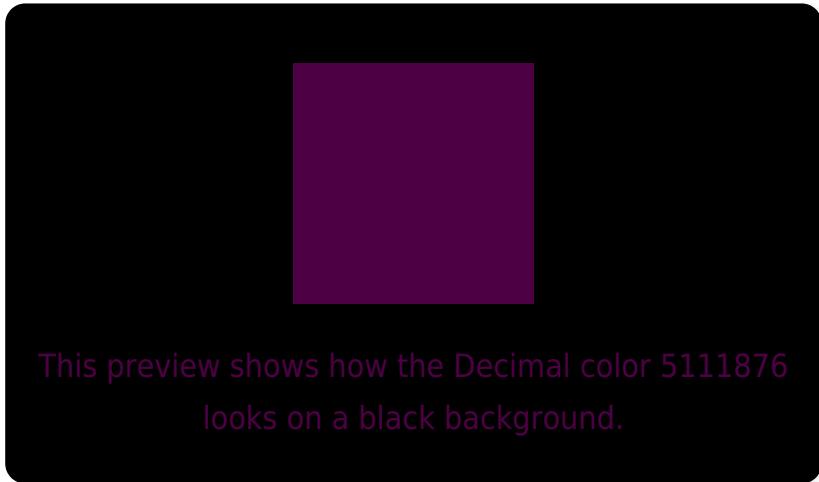
Large Text (above 18pt) WCAG AA ✓ Pass

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

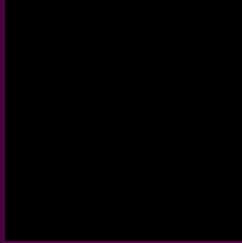
Any Text WCAG AA × Fail

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 511876 Background



This preview shows how black text looks on a background with the Decimal color 511876.

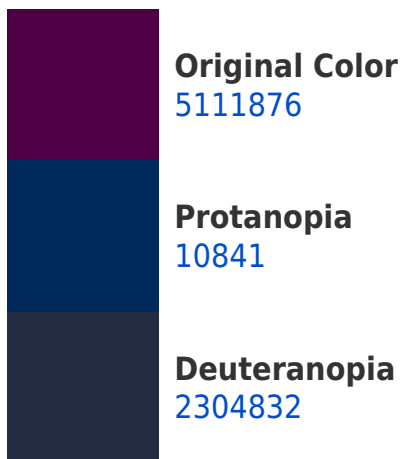



This preview shows how white text looks on a background with the Decimal color 511876.

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
4856604

Trichromacy



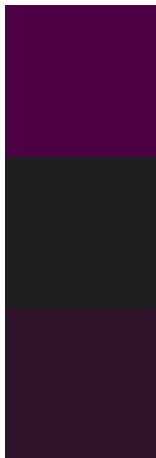
Original Color
5111876

Protanomaly
1842001

Deuteranomaly
3349313

Tritanomaly
4919595

Monochromacy



Original Color
5111876

Achromatopsia
2039583

Achromatomaly
3150892

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5111876 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 #4E0044 looks like.

```
.text, #text, p{  
  color:#4E0044  
}
```

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 #4E0044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0044
}
```

Border

The CSS property to change the border of an element to Decimal 5111876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

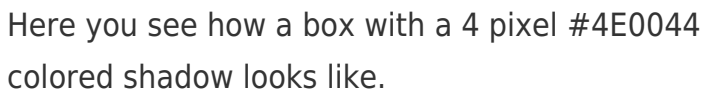
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0044 }
```

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

```
.border{ border-color:#4E0044 }
```

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



Here you see how a box with a 4 pixel #4E0044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0044; -webkit-box-shadow:4px 4px  
4px 4px #4E0044; box-shadow:4px 4px 4px  
4px #4E0044 }
```

Background

The CSS property to change the background color of an element to Decimal 5111876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0044 }
```

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

```
.background{ background-color:#4E0044 }
```

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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