

Converting Colors

Decimal(5236)

Have a look what the booklet for
Decimal(5236) contains.

Decimal(5236)	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(5236)

Conversions

Conversions Part 1

Format	Color
Hex	001474
RGB	0, 20, 116
RGB Percent	0%, 8%, 45%
CMY	1.0000, 0.9216, 0.5451
CMYK	1.00, 0.83, 0.00, 0.55
HSL	230°, 100%, 23%
HSV	230°, 100%, 45%
XYZ	3.4025, 1.7613, 16.6836
YIQ	24.9640, -42.7360, 25.6160

Conversions

Conversions Part 2

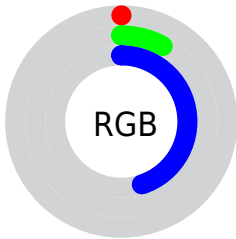
Format	Color
RYB	0, 17, 116
Decimal	5236
CIELab	14.18, 34.70, -54.99
CIELCh	14, 65.018, 302.253
Yxy	1.7613, 0.1557, 0.0806
Android (android.graphics.Color)	4278195316 (0xFF001474)
YUV	24.9640, 44.8807, -21.8934
Hunter-Lab	13.2713, 22.5398, -65.2449

Details

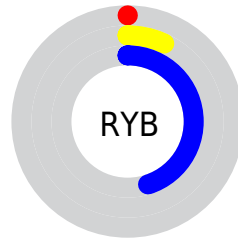
The Decimal color **5236** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **7626752**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **4997289**, and **66** is the 20% darker color. If you saturate the color by 10%, you get **5236**, and if you desaturate by 10%, it is **794228**.

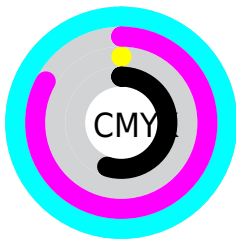
Distribution



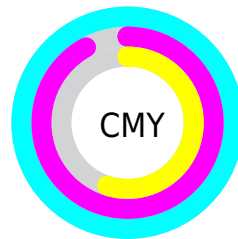
- Red (0%)
- Green (8%)
- Blue (45%)



- Red (0%)
- Yellow (7%)
- Blue (45%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (92%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5236 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 5236 by changing the saturation by 10% instead.

■ 5236 ■ 5236

■ 16775679 ■ 91

■ 4997289 ■ 66

■ 6904005 ■ 811

■ 8745441 ■ 277

■ 10586878 ■ 0

■ 12494335

■ 14401791

■ 16375039

■ 5236

■ 794228

■ 1517428

■ 2306420

■ 3029620

■ 3818612

■ 4607604

■ 5330804

■ 6119796

■ 6842996

Harmonies

Analogous

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



11395



5236



5767248

Triad

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



5236



5048576



13350

Complementary

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



5236



7626752

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.



12800



5236



2827264

Square

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



5236



6619136



11776



13653

Rectangle

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



5236



6815794



11776



13078

Sweetspot

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



5236



6910358



29791



3225165



13421772



5066061

Same Dimension

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



5236



6806



2424948



3487291



5498



11258

Inverse Universe

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



7602196



9830426



5207040



3880246



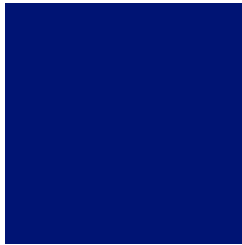
7995413



16384043

Previews

White Background



This preview shows how the Decimal color 5236 looks on a white background.

Color Contrast Check

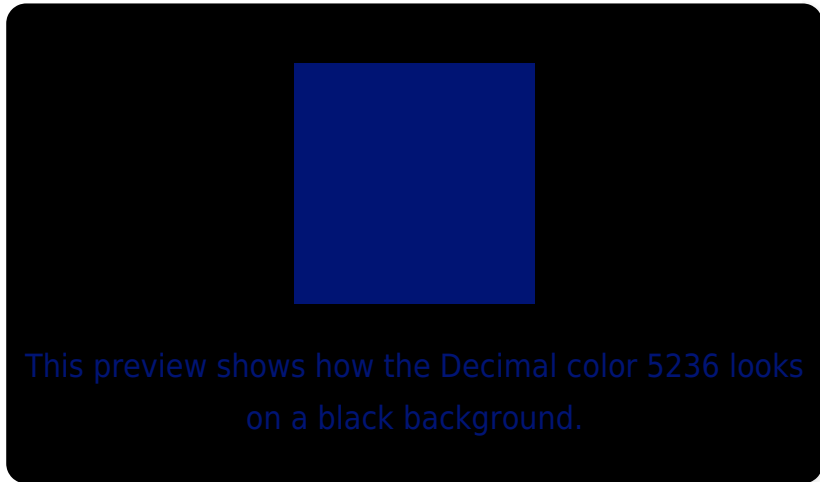
Large Text (above 18pt) WCAG AA ✓ Pass

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

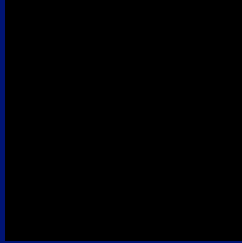
Any Text WCAG AA × Fail

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 5236 Background



This preview shows how black text looks on a background with the Decimal color 5236.

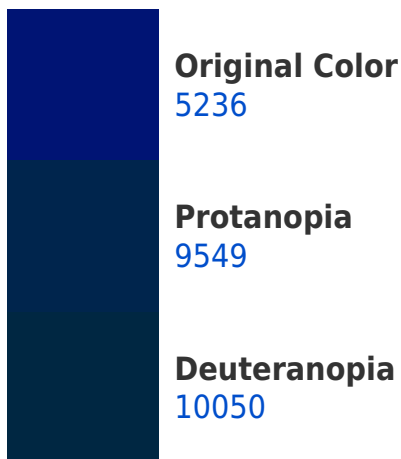


This preview shows how white text looks on a background with the Decimal color 5236.

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
10796

Trichromacy



Original Color
5236

Protanomaly
8027

Deuteranomaly
8276

Tritanomaly
8774

Monochromacy



Original Color
5236

Achromatopsia
1644825

Achromatomaly
1054522

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5236 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 #001474 looks like.

```
.text, #text, p{  
  color:#001474  
}
```

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 #001474 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001474
}
```

Border

The CSS property to change the border of an element to Decimal 5236 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
#001474 }
```

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

```
.border{ border-color:#001474 }
```

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

Here you see how a box with a 4 pixel #001474 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001474; -webkit-box-shadow:4px 4px  
4px 4px #001474; box-shadow:4px 4px 4px  
4px #001474 }
```

Background

The CSS property to change the background color of an element to Decimal 5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001474 }
```

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

```
.background{ background-color:#001474 }
```

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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