

Converting Colors

Decimal(5546)

Have a look what the booklet for
Decimal(5546) contains.

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Color

Decimal(5546)

Conversions

Conversions Part 1

Format	Color
Hex	0015AA
RGB	0, 21, 170
RGB Percent	0%, 8%, 67%
CMY	1.0000, 0.9176, 0.3333
CMYK	1.00, 0.88, 0.00, 0.33
HSL	233°, 100%, 33%
HSV	233°, 100%, 67%
XYZ	7.5239, 3.4386, 38.2974
YIQ	31.7070, -60.3450, 41.8870

Conversions

Conversions Part 2

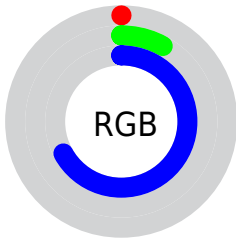
Format	Color
RYB	0, 19, 170
Decimal	5546
CIELab	21.72, 52.09, -76.14
CIELCh	22, 92.257, 304.379
Yxy	3.4386, 0.1527, 0.0698
Android (android.graphics.Color)	4278195626 (0xFF0015AA)
YUV	31.7070, 68.1784, -27.8070
Hunter-Lab	18.5435, 39.9738, -109.4696

Details

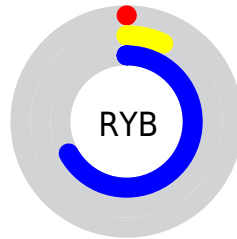
The Decimal color **5546** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **11179264**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **6244067**, and **116** is the 20% darker color. If you saturate the color by 10%, you get **5546**, and if you desaturate by 10%, it is **1123498**.

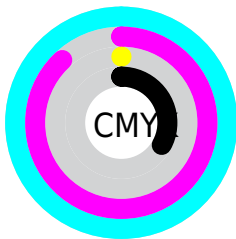
Distribution



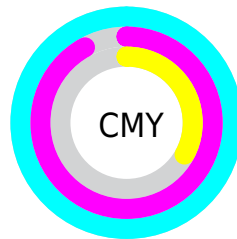
- Red (0%)
- Green (8%)
- Blue (67%)



- Red (0%)
- Yellow (7%)
- Blue (67%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (33%)




















- Cyan (100%)
- Magenta (92%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5546 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 5546 by changing the saturation by 10% instead.

 5546	 5546
 16777215	 143
 6244067	 116
 8282111	 346
 10320127	 1858
 12293119	 811
 14331647	 277
 16370431	 0
 16770815	

 5546

■ 1123498

■ 2241450

■ 3359402

■ 4477354

■ 5595050

■ 6713002

■ 7830954

■ 8948906

■ 10066858

Harmonies

Analogous

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



16324



5546



8716401

Triad

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



5546



7146240



18749

Complementary

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



5546



11179264

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.



17920



5546



3683840

Square

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



5546



9502720



16896



19330

Rectangle

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



5546



10092612



16896



18469

Sweetspot

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



5546



10200286



43667



4738416



15790320



7368816

Same Dimension

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



5546



7134



4063402



5000532



4756



788

Inverse Universe

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



11141141



14549019



7121408



5524557



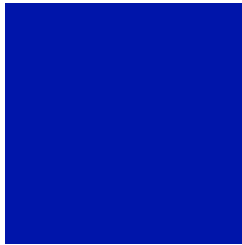
9699346



1310723

Previews

White Background



This preview shows how the Decimal color 5546 looks on a white background.

Color Contrast Check

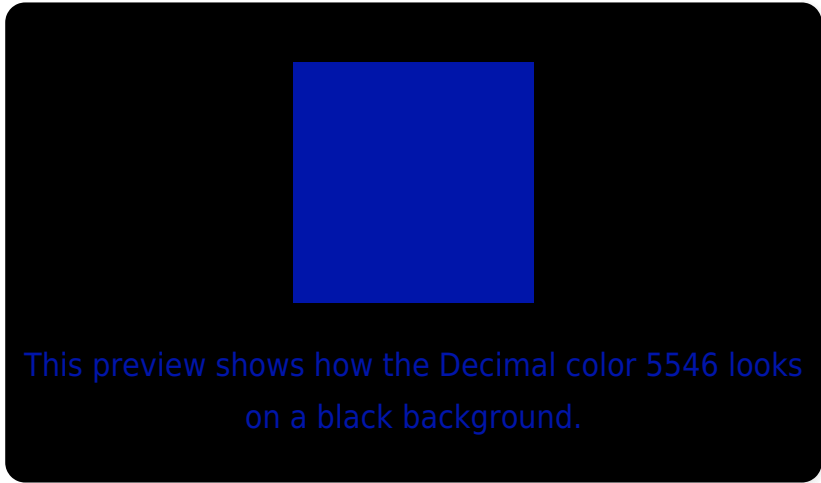
Large Text (above 18pt) WCAG AA ✓ Pass

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

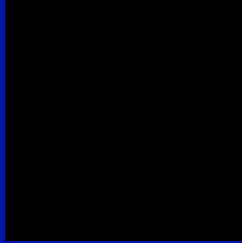
Any Text WCAG AA × Fail

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 5546 Background



This preview shows how black text looks on a background with the Decimal color 5546.

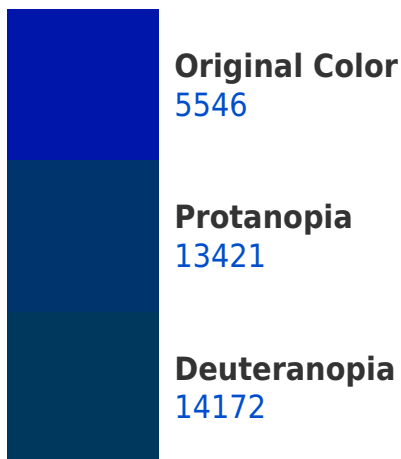


This preview shows how white text looks on a background with the Decimal color 5546.

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
5546

Protanomaly
10627

Deuteranomaly
11128

Tritanomaly
11877

Monochromacy



Original Color
5546

Achromatopsia
2105376

Achromatomaly
1317970

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5546 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 #0015AA looks like.

```
.text, #text, p{  
    color:#0015AA  
}
```

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 #0015AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0015AA
}
```

Border

The CSS property to change the border of an element to Decimal 5546 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
#0015AA }
```

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

```
.border{ border-color:#0015AA }
```

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

Here you see how a box with a 4 pixel #0015AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0015AA; -webkit-box-shadow:4px 4px  
4px 4px #0015AA; box-shadow:4px 4px 4px  
4px #0015AA }
```

Background

The CSS property to change the background color of an element to Decimal 5546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0015AA }
```

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

```
.background{ background-color:#0015AA }
```

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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