

Converting Colors

Decimal(165)

Have a look what the booklet for
Decimal(165) contains.

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Color

Decimal(165)

Conversions

Conversions Part 1

Format	Color
Hex	0000A5
RGB	0, 0, 165
RGB Percent	0%, 0%, 65%
CMY	1.0000, 1.0000, 0.3529
CMYK	1.00, 1.00, 0.00, 0.35
HSL	240°, 100%, 32%
HSV	240°, 100%, 65%
XYZ	6.7915, 2.7166, 35.7637
YIQ	18.8100, -52.9650, 51.3150

Conversions

Conversions Part 2

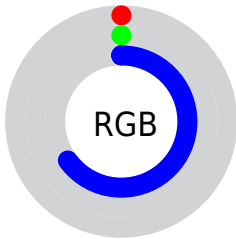
Format	Color
RYB	0, 0, 165
Decimal	165
CIELab	18.87, 57.17, -77.87
CIELCh	19, 96.606, 306.287
Yxy	2.7166, 0.1500, 0.0600
Android (android.graphics.Color)	4278190245 (0xFF0000A5)
YUV	18.8100, 72.0717, -16.4964
Hunter-Lab	16.4821, 44.7078, -117.1126

Details

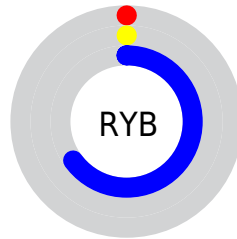
The Decimal color **165** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10855680**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **6240734**, and **111** is the 20% darker color. If you saturate the color by 10%, you get **165**, and if you desaturate by 10%, it is **1052837**.

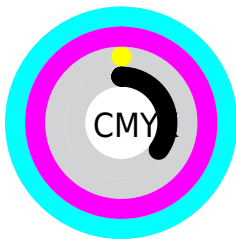
Distribution



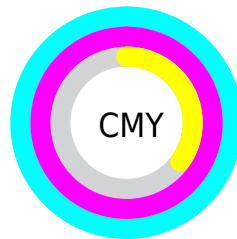
- Red (0%)
- Green (0%)
- Blue (65%)



- Red (0%)
- Yellow (0%)
- Blue (65%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 165 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 165 by changing the saturation by 10% instead.

 165  165

 16775167  138

 6240734  111

 8278779  1366

 10317055  1597

 12290047  807

 14328575  272

 16301567  0

 16767743

 165

■ 1052837

■ 2171301

■ 3289765

■ 4342437

■ 5395109

■ 6513573

■ 7566245

■ 8684709

■ 9737381

Harmonies

Analogous

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



15043



165



8585320

Triad

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



165



6489088



16700

Complementary

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



165



10855680

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.



16384



165



2896128

Square

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



165



8978432



15360



17795

Rectangle

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



165



9895994



15360



16419

Sweetspot

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



165



9869014



42405



4539755



15461355



7039851

Same Dimension

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



165



214



5374117



4802898



145



18

Inverse Universe

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



10813605



14024918



5416192



5392722



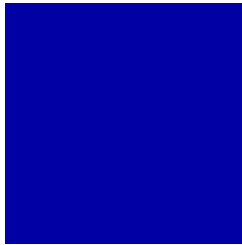
9502865



1179666

Previews

White Background



This preview shows how the Decimal color 165 looks on a white background.

Color Contrast Check

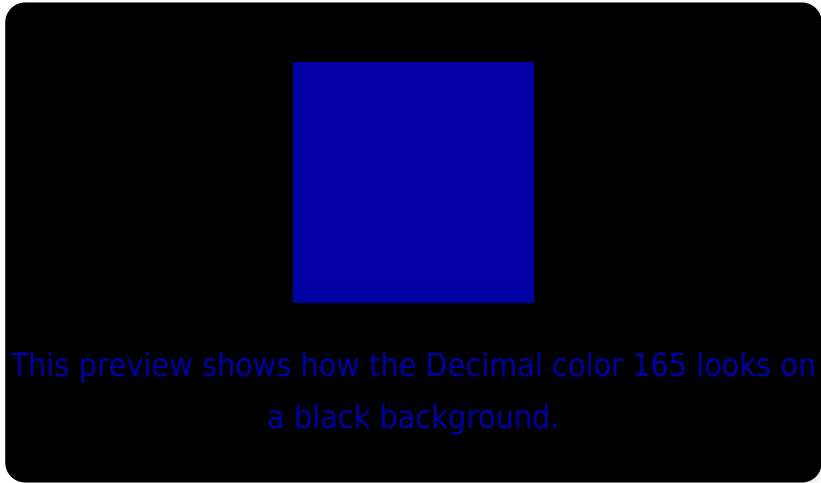
Large Text (above 18pt) WCAG AA ✓ Pass

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

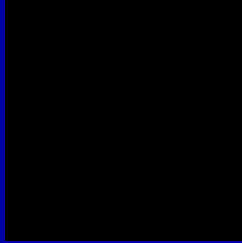
Any Text WCAG AA × Fail

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 165 Background



This preview shows how black text looks on a background with the Decimal color 165.

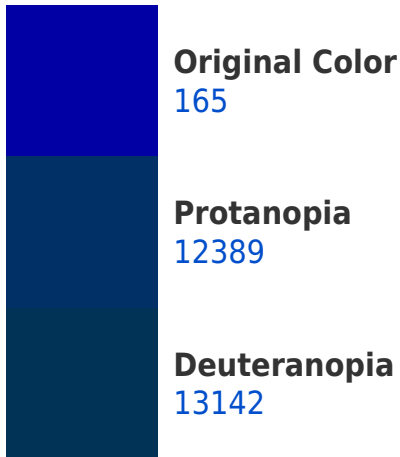


This preview shows how white text looks on a background with the Decimal color 165.

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
14138

Trichromacy



Original Color
165

Protanomaly
8060

Deuteranomaly
8307

Tritanomaly
9057

Monochromacy



Original Color
165

Achromatopsia
1250067

Achromatomaly
789576

CSS Examples

Text

The CSS property to change the color of the text to Decimal 165 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 #0000A5 looks like.

```
.text, #text, p{  
    color:#0000A5  
}
```

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 #0000A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000A5
}
```

Border

The CSS property to change the border of an element to Decimal 165 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
#0000A5 }
```

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

```
.border{ border-color:#0000A5 }
```

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

Here you see how a box with a 4 pixel #0000A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000A5; -webkit-box-shadow:4px 4px  
4px 4px #0000A5; box-shadow:4px 4px 4px  
4px #0000A5 }
```

Background

The CSS property to change the background color of an element to Decimal 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000A5 }
```

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

```
.background{ background-color:#0000A5 }
```

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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