

# Converting Colors

Decimal(21155)

Have a look what the booklet for  
Decimal(21155) contains.

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# Color

**Decimal(21155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0052A3
RGB	0, 82, 163
RGB Percent	0%, 32%, 64%
CMY	1.0000, 0.6784, 0.3608
CMYK	1.00, 0.50, 0.00, 0.36
HSL	210°, 100%, 32%
HSV	210°, 100%, 64%
XYZ	9.6282, 8.6789, 35.8181
YIQ	66.7160, -74.8730, 7.8070

# Conversions

## Conversions Part 2

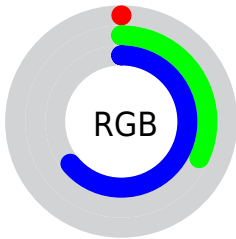
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 55, 163</a>
Decimal	<a href="#">21155</a>
CIELab	<a href="#">35.36, 11.71, -49.51</a>
CIELCh	<a href="#">35, 50.879, 283.302</a>
Yxy	<a href="#">8.6789, 0.1779, 0.1603</a>
Android (android.graphics.Color)	<a href="#">4278211235 (0xFF0052A3)</a>
YUV	<a href="#">66.7160, 47.4680, -58.5099</a>
Hunter-Lab	<a href="#">29.4600, 6.7825, -51.4639</a>

# Details

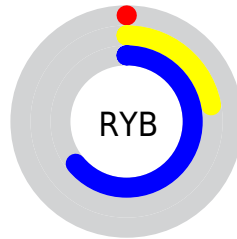
The Decimal color **21155** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **10703104**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **5735387**, and **10094** is the 20% darker color. If you saturate the color by 10%, you get **21155**, and if you desaturate by 10%, it is **1071779**.

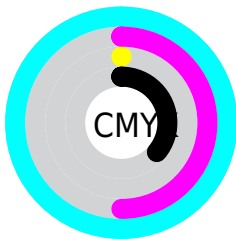
# Distribution



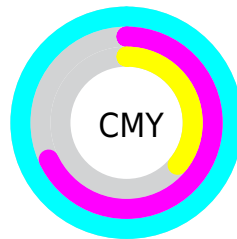
- Red (0%)
- Green (32%)
- Blue (64%)



- Red (0%)
- Yellow (22%)
- Blue (64%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (36%)



















- Cyan (100%)
- Magenta (68%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 21155 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 21155 by changing the saturation by 10% instead.



 21155	 21155
 16777215	 15496
 5735387	 10094
 7708151	 4949
 9680895	 1598
 11588607	 807
 13496319	 272
 15466495	 0

 21155

 1071779

■ 2187939

■ 3238563

■ 4289187

■ 5405603

■ 6456227

■ 7506851

■ 8557475

■ 9673635

# Harmonies

## Analogous

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



24225



21155



7028623

# Triad

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



21155



9516572



25658

# Complementary

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



21155



10703104

# 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.



2318351



21155



7883008

# Square

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



21155



10167619



5527296



25957

# Rectangle

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



21155



8860024



5527296



25388



# Sweetspot

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



21155



9745620



41807



4544619



15461355



7039851



# Same Dimension

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



21155



27348



931



4804178



18833



2322



# Inverse Universe

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



10682450



13893738



10723328



5392718



9502793



1179657



# Previews

## White Background



This preview shows how the Decimal color 21155 looks on a white background.

## Color Contrast Check

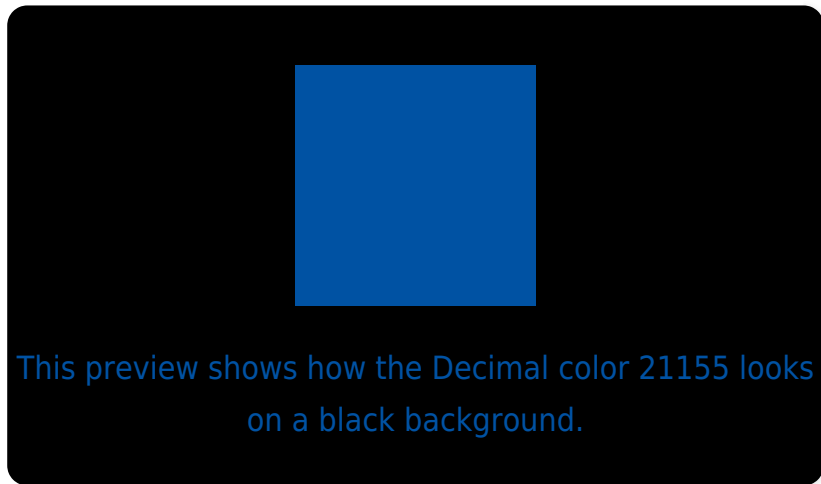
Large Text (above 18pt) WCAG AA ✓ Pass

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

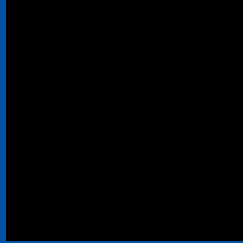
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 21155 Background



This preview shows how black text looks on a background with the Decimal color 21155.



This preview shows how white text looks on a background with the Decimal color 21155.

# 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



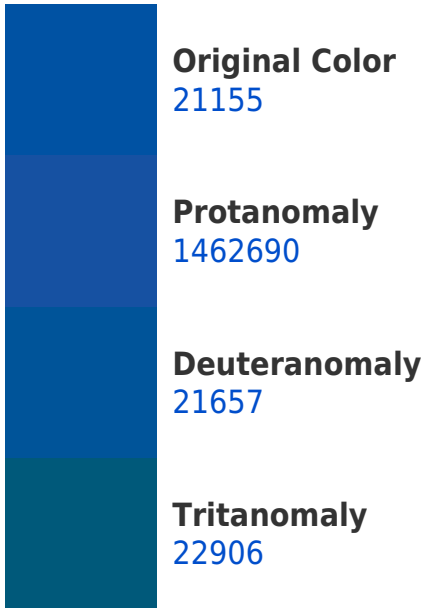
**Original Color**  
21155

**Protanopia**  
2314657

**Deuteranopia**  
21908



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 21155 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 #0052A3 looks like.

```
.text, #text, p{  
    color:#0052A3  
}
```

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 #0052A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0052A3
}
```

## Border

The CSS property to change the border of an element to Decimal 21155 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
#0052A3 }
```

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

```
.border{ border-color:#0052A3 }
```

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

Here you see how a box with a 4 pixel #0052A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0052A3; -webkit-box-shadow:4px 4px  
4px 4px #0052A3; box-shadow:4px 4px 4px  
4px #0052A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 21155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0052A3 }
```

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

```
.background{ background-color:#0052A3 }
```

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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