

Converting Colors

Decimal(20906)

Have a look what the booklet for
Decimal(20906) contains.

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Color

Decimal(20906)

Conversions

Conversions Part 1

Format	Color
Hex	0051AA
RGB	0, 81, 170
RGB Percent	0%, 32%, 67%
CMY	1.0000, 0.6824, 0.3333
CMYK	1.00, 0.52, 0.00, 0.33
HSL	211°, 100%, 33%
HSV	211°, 100%, 67%
XYZ	10.1981, 8.7871, 39.1888
YIQ	66.9270, -76.8450, 10.5070

Conversions

Conversions Part 2

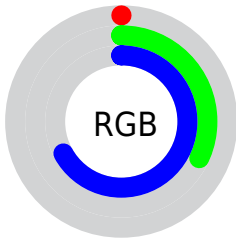
Format	Color
RYB	0, 55, 170
Decimal	20906
CIELab	35.57, 15.30, -53.35
CIELCh	36, 55.500, 286.004
Yxy	8.7871, 0.1753, 0.1510
Android (android.graphics.Color)	4278210986 (0xFF0051AA)
YUV	66.9270, 50.8150, -58.6950
Hunter-Lab	29.6431, 9.5340, -57.6324

Details

The Decimal color **20906** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **11163904**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **5866210**, and **9845** is the 20% darker color. If you saturate the color by 10%, you get **20906**, and if you desaturate by 10%, it is **1137322**.

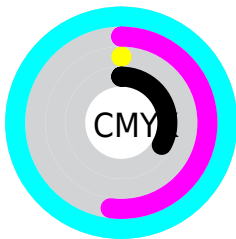
Distribution



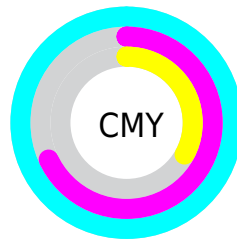
- Red (0%)
- Green (32%)
- Blue (67%)



- Red (0%)
- Yellow (22%)
- Blue (67%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (33%)



















- Cyan (100%)
- Magenta (68%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20906 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 20906 by changing the saturation by 10% instead.

 20906	 20906
 16777215	 15247
 5866210	 9845
 7904255	 4956
 9811711	 1859
 11784959	 812
 13758207	 279
 15728639	 0

 20906

 1137322

■ 2253738

■ 3370154

■ 4486570

■ 5602730

■ 6719146

■ 7835562

■ 8951978

■ 10068394

Harmonies

Analogous

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



24490



20906



7486354

Triad

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



20906



9712659



26173

Complementary

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



20906



11163904

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.



1139210



20906



7817728

Square

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



20906



10493502



5265664



26475

Rectangle

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



20906



9316985



5265664



25901

Sweetspot

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



20906



10206174



43608



4742000



15790320



7368816

Same Dimension

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



20906



27358



196778



5001300



18068



2580

Inverse Universe

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



11141201



14549098



10988032



5524560



9699398



1310730

Previews

White Background



This preview shows how the Decimal color 20906 looks on a white background.

Color Contrast Check

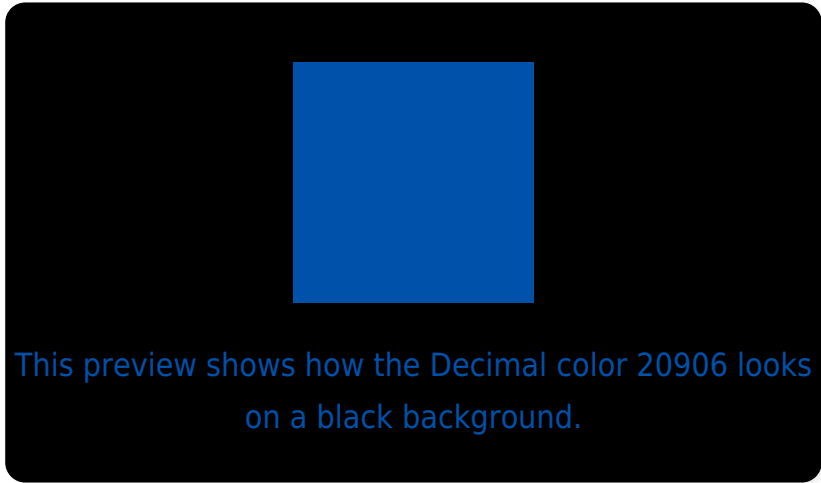
Large Text (above 18pt) WCAG AA ✓ Pass

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

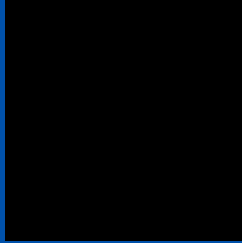
Any Text WCAG AA × Fail

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 20906 Background



This preview shows how black text looks on a background with the Decimal color 20906.



This preview shows how white text looks on a background with the Decimal color 20906.

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

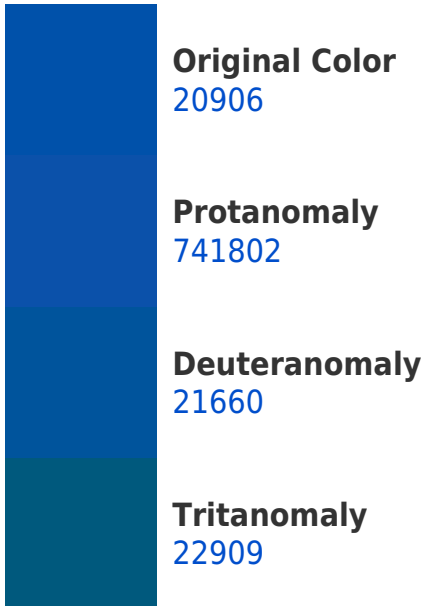


Original Color
20906

Protanopia
1200554

Deuteranopia
22164

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 20906 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 #0051AA looks like.

```
.text, #text, p{  
    color:#0051AA  
}
```

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 #0051AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0051AA
}
```

Border

The CSS property to change the border of an element to Decimal 20906 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
#0051AA }
```

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

```
.border{ border-color:#0051AA }
```

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

Here you see how a box with a 4 pixel #0051AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0051AA; -webkit-box-shadow:4px 4px  
4px 4px #0051AA; box-shadow:4px 4px 4px  
4px #0051AA }
```

Background

The CSS property to change the background color of an element to Decimal 20906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0051AA }
```

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

```
.background{ background-color:#0051AA }
```

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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