

Converting Colors

Decimal(20660)

Have a look what the booklet for
Decimal(20660) contains.

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Color

Decimal(20660)

Conversions

Conversions Part 1

Format	Color
Hex	0050B4
RGB	0, 80, 180
RGB Percent	0%, 31%, 71%
CMY	1.0000, 0.6863, 0.2941
CMYK	1.00, 0.56, 0.00, 0.29
HSL	213°, 100%, 35%
HSV	213°, 100%, 71%
XYZ	11.1069, 9.0326, 44.3381
YIQ	67.4800, -79.7800, 14.1400

Conversions

Conversions Part 2

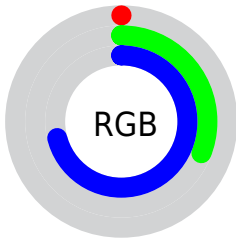
Format	Color
RYB	0, 55, 180
Decimal	20660
CIELab	36.05, 20.11, -58.50
CIELCh	36, 61.864, 288.968
Yxy	9.0326, 0.1723, 0.1401
Android (android.graphics.Color)	4278210740 (0xFF0050B4)
YUV	67.4800, 55.4724, -59.1800
Hunter-Lab	30.0543, 13.3715, -66.4305

Details

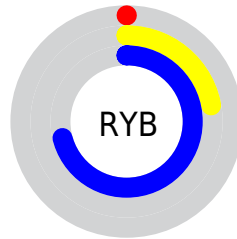
The Decimal color **20660** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **11822080**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **6127853**, and **9598** is the 20% darker color. If you saturate the color by 10%, you get **20660**, and if you desaturate by 10%, it is **1202868**.

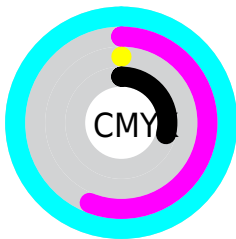
Distribution



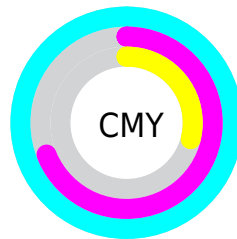
- Red (0%)
- Green (31%)
- Blue (71%)



- Red (0%)
- Yellow (22%)
- Blue (71%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



















- Cyan (100%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 20660 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 20660 by changing the saturation by 10% instead.

 20660	 20660
 16777215	 15001
 6127853	 9598
 8166143	 4964
 10139135	 1868
 12112127	 1076
 14085375	 542
 16056319	 0

 20660

 1202868

■ 2385076

■ 3567284

■ 4749492

■ 5931700

■ 7113908

■ 8296116

■ 9478324

■ 10660532

Harmonies

Analogous

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



24759



20660



8140183

Triad

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



20660



9974531



26688

Complementary

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



20660



11822080

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.



25603



20660



7818240

Square

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



20660



11079480



4938752



27252

Rectangle

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



20660



10034553



4938752



26670

Sweetspot

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



20660



10798315



46179



4939381



16119285



7697781

Same Dimension

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



20660



26859



590004



5264473



17561



2842

Inverse Universe

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



11796560



15401064



11252736



5853268



10027076



1703947

Previews

White Background



This preview shows how the Decimal color 20660 looks on a white background.

Color Contrast Check

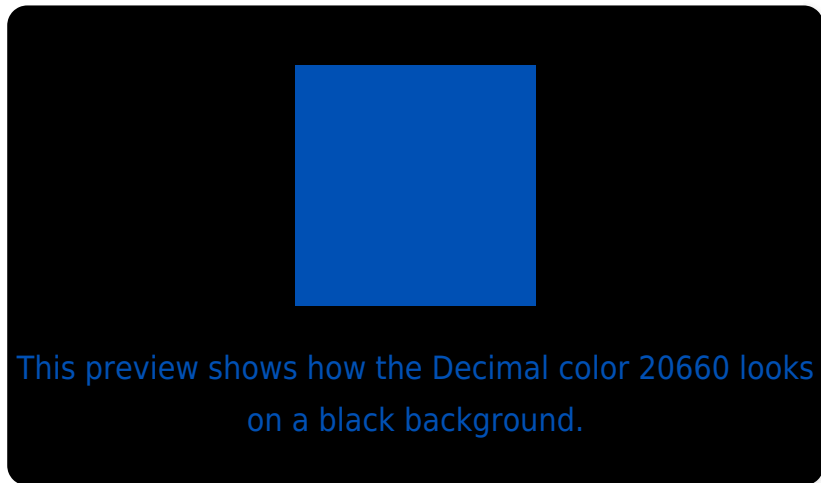
Large Text (above 18pt) WCAG AA ✓ Pass

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

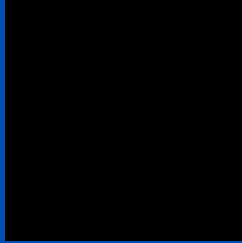
Any Text WCAG AA × Fail

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 20660 Background



This preview shows how black text looks on a background with the Decimal color 20660.



This preview shows how white text looks on a background with the Decimal color 20660.

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

20660

Protanopia

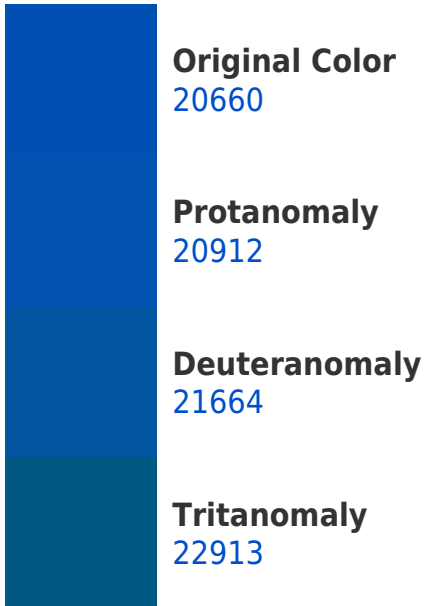
21166

Deuteranopia

22421



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 20660 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 #0050B4 looks like.

```
.text, #text, p{  
  color:#0050B4  
}
```

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 #0050B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0050B4
}
```

Border

The CSS property to change the border of an element to Decimal 20660 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
#0050B4 }
```

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

```
.border{ border-color:#0050B4 }
```

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

Here you see how a box with a 4 pixel #0050B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0050B4; -webkit-box-shadow:4px 4px  
4px 4px #0050B4; box-shadow:4px 4px 4px  
4px #0050B4 }
```

Background

The CSS property to change the background color of an element to Decimal 20660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0050B4 }
```

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

```
.background{ background-color:#0050B4 }
```

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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