

# Converting Colors

Decimal(1066661)

Have a look what the booklet for  
Decimal(1066661) contains.

<b>Decimal(1066661)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(1066661)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1046A5
RGB	16, 70, 165
RGB Percent	6%, 27%, 65%
CMY	0.9373, 0.7255, 0.3529
CMYK	0.90, 0.58, 0.00, 0.35
HSL	218°, 82%, 35%
HSV	218°, 90%, 65%
XYZ	9.1954, 7.2071, 36.5038
YIQ	64.6840, -62.6790, 18.0970

# Conversions

## Conversions Part 2

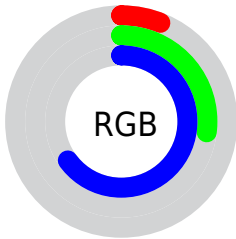
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 56, 165
Decimal	1066661
CIE <sub>Lab</sub>	32.27, 21.46, -55.71
CIE <sub>LCh</sub>	32, 59.697, 291.066
Yxy	7.2071, 0.1738, 0.1362
Android (android.graphics.Color)	4279256741 (0xFF1046A5)
YUV	64.6840, 49.4558, -42.6959
Hunter-Lab	26.8460, 14.1598, -61.8271

# Details

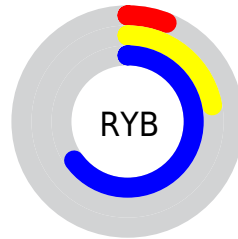
The Decimal color **1066661** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10841872**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **6125277**, and **7280** is the 20% darker color. If you saturate the color by 10%, you get **15525**, and if you desaturate by 10%, it is **2118053**.

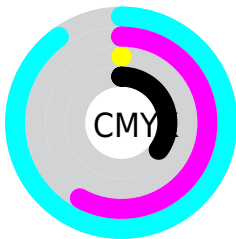
# Distribution



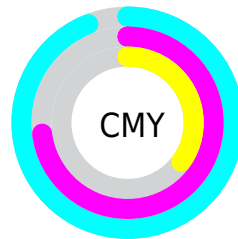
- Red (6%)
- Green (27%)
- Blue (65%)



- Red (6%)
- Yellow (22%)
- Blue (65%)



- Cyan (90%)
- Magenta (58%)
- Yellow (0%)
- Black (35%)



- Cyan (94%)
- Magenta (73%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1066661 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 1066661 by changing the saturation by 10% instead.



■ 1066661

■ 1066661

16777215

■ 12426

■ 6125277

■ 7280

■ 8032250

■ 1111

■ 10004991

■ 1599

■ 11912703

■ 808

■ 13885695

■ 274

■ 15859199

■ 0

■ 1066661

■ 1066661

■ 15525

■ 2118053

■ 3234725

■ 4286117

■ 5402789

■ 6454181

■ 7570853

■ 8622245

■ 9738917

■ 10790309

# Harmonies

## Analogous

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



22186



1066661



7613320

# Triad

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



1066661



8989952



24124

# Complementary

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



1066661



10841872

# 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.



23299



1066661



6898944

# Square

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



1066661



10159150



4150016



24429

# Rectangle

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



1066661



9310060



4150016



24107



# Sweetspot

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



1066661



10269142



1090926



4805995



15461355



7039851



# Same Dimension

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



1066661



20182



2363557



4803666



13713



1554



# Inverse Universe

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



10817606



14024782



9544976



5392716



9502773



1179654



# Previews

## White Background



This preview shows how the Decimal color 1066661 looks on a white background.

## Color Contrast Check

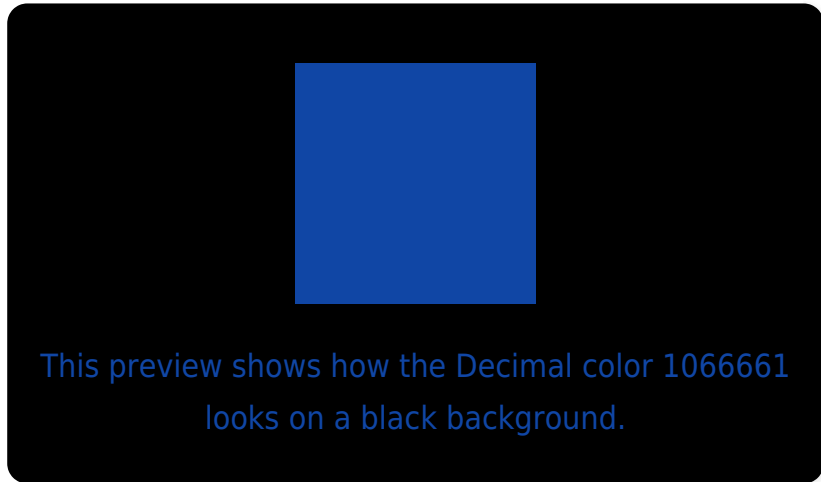
Large Text (above 18pt) WCAG AA ✓ Pass

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

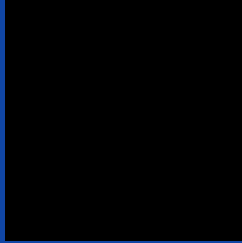
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1066661 Background



This preview shows how black text looks on a background with the Decimal color 1066661.



This preview shows how white text looks on a background with the Decimal color 1066661.

# 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**

1066661

**Protanopia**

18843

**Deuteranopia**

20101



# Trichromacy



**Original Color**  
1066661

**Protanomaly**  
411807

**Deuteranomaly**  
412561

**Tritanomaly**  
413557

# Monochromacy



**Original Color**  
1066661

**Achromatopsia**  
4276545

**Achromatomaly**  
3097445

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1066661 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 #1046A5 looks like.

```
.text, #text, p{  
  color:#1046A5  
}
```

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 #1046A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1046A5
}
```

## Border

The CSS property to change the border of an element to Decimal 1066661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

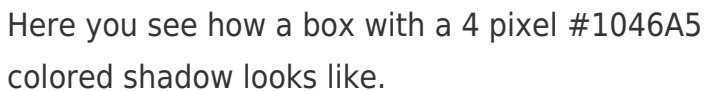
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1046A5 }
```

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

```
.border{ border-color:#1046A5 }
```

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



Here you see how a box with a 4 pixel #1046A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1046A5; -webkit-box-shadow:4px 4px  
4px 4px #1046A5; box-shadow:4px 4px 4px  
4px #1046A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 1066661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1046A5 }
```

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

```
.background{ background-color:#1046A5 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor