

# Converting Colors

Decimal(1520037)

Have a look what the booklet for  
Decimal(1520037) contains.

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# Color

**Decimal(1520037)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1731A5
RGB	23, 49, 165
RGB Percent	9%, 19%, 65%
CMY	0.9098, 0.8078, 0.3529
CMYK	0.86, 0.70, 0.00, 0.35
HSL	229°, 76%, 37%
HSV	229°, 86%, 65%
XYZ	8.2432, 5.0954, 36.1464
YIQ	54.4500, -52.7320, 30.5640

# Conversions

## Conversions Part 2

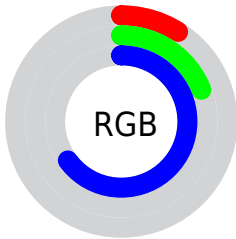
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 45, 165
Decimal	1520037
CIE <sub>Lab</sub>	27.00, 35.96, -64.34
CIE <sub>LCh</sub>	27, 73.703, 299.199
Yxy	5.0954, 0.1666, 0.1030
Android (android.graphics.Color)	4279710117 (0xFF1731A5)
YUV	54.4500, 54.5011, -27.5817
Hunter-Lab	22.5730, 25.6818, -79.1406

# Details

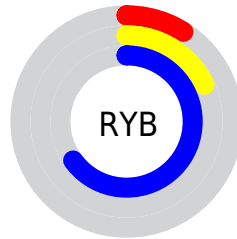
The Decimal color **1520037** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10849047**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **6381533**, and **2416** is the 20% darker color. If you saturate the color by 10%, you get **468133**, and if you desaturate by 10%, it is **2571941**.

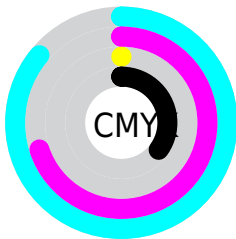
# Distribution



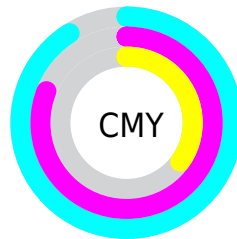
- Red (9%)
- Green (19%)
- Blue (65%)



- Red (9%)
- Yellow (18%)
- Blue (65%)



- Cyan (86%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)



- Cyan (91%)
- Magenta (81%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1520037 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 1520037 by changing the saturation by 10% instead.



■ 1520037

■ 1520037

16777215

■ 7306

■ 6381533

■ 2416

■ 8354042

■ 87

■ 10326783

■ 1598

■ 12234239

■ 807

■ 14207231

■ 273

■ 16180479

■ 0

■ 1520037

■ 1520037

■ 468133

■ 2571941

■ 7845

■ 3689637

■ 4741541

■ 5859237

■ 6976677

■ 8028837

■ 9146277

■ 10198437

■ 11250341

# Harmonies

## Analogous

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



19124



1520037



8192123

# Triad

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



1520037



8003328



21309

# Complementary

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



1520037



10849047

# 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.



20736



1520037



5324288

# Square

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



1520037



9764877



871168



21878

# Rectangle

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



1520037



9699415



871168



21289



# Sweetspot

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



1520037



10463702



1549707



4870251



15461355



7039851



# Same Dimension

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



1520037



10198



4462501



4803410



7057



786



# Inverse Universe

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



10819377



14024743



7906583



5392715



9502747

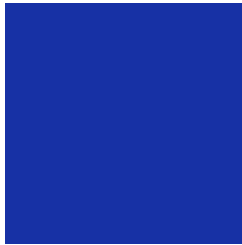


1179651



# Previews

## White Background



This preview shows how the Decimal color 1520037 looks on a white background.

## Color Contrast Check

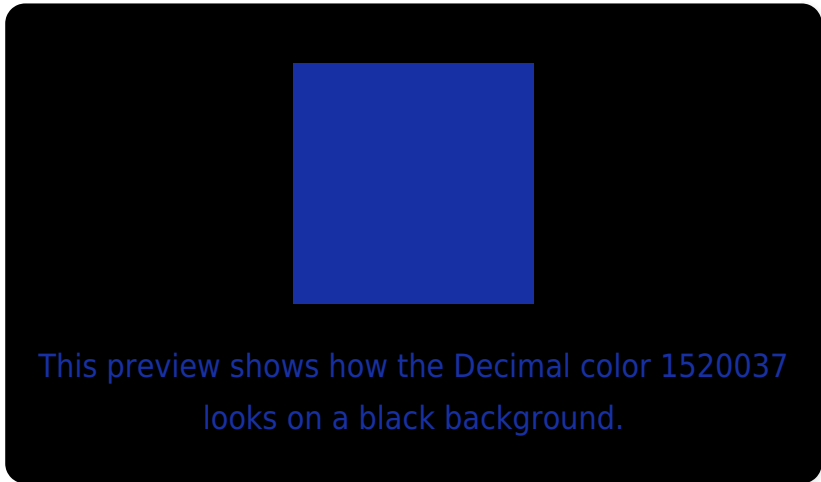
Large Text (above 18pt) WCAG AA ✓ Pass

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

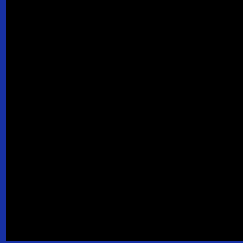
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1520037 Background



This preview shows how black text looks on a background with the Decimal color 1520037.

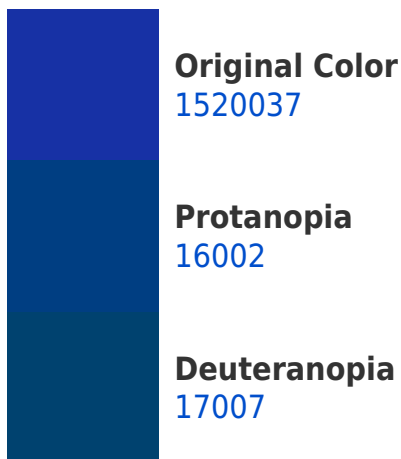


This preview shows how white text looks on a background with the Decimal color 1520037.

# 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





# Trichromacy



**Original Color**  
1520037

**Protanomaly**  
539023

**Deuteranomaly**  
539779

**Tritanomaly**  
540524

# Monochromacy



**Original Color**  
1520037

**Achromatopsia**  
3552822

**Achromatomaly**  
2831454

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1520037 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 #1731A5 looks like.

```
.text, #text, p{  
  color:#1731A5  
}
```

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 #1731A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1731A5
}
```

## Border

The CSS property to change the border of an element to Decimal 1520037 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
#1731A5 }
```

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

```
.border{ border-color:#1731A5 }
```

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

Here you see how a box with a 4 pixel #1731A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1731A5; -webkit-box-shadow:4px 4px  
4px 4px #1731A5; box-shadow:4px 4px 4px  
4px #1731A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 1520037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1731A5 }
```

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

```
.background{ background-color:#1731A5 }
```

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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