

Converting Colors

Decimal(1731762)

Have a look what the booklet for
Decimal(1731762) contains.

Decimal(1731762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1731762)

Conversions

Conversions Part 1

Format	Color
Hex	1A6CB2
RGB	26, 108, 178
RGB Percent	10%, 42%, 70%
CMY	0.8980, 0.5765, 0.3020
CMYK	0.85, 0.39, 0.00, 0.30
HSL	208°, 75%, 40%
HSV	208°, 85%, 70%
XYZ	13.8244, 14.1591, 44.1238
YIQ	91.4620, -71.3420, 4.3860

Conversions

Conversions Part 2

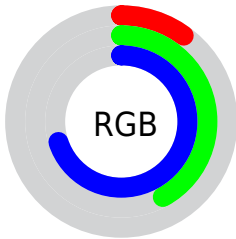
Format	Color
RYB	26, 79, 178
Decimal	1731762
CIELab	44.46, 2.35, -43.76
CIELCh	44, 43.823, 273.068
Yxy	14.1591, 0.1917, 0.1964
Android (android.graphics.Color)	4279921842 (0xFF1A6CB2)
YUV	91.4620, 42.6632, -57.4102
Hunter-Lab	37.6286, -0.2705, -43.1844

Details

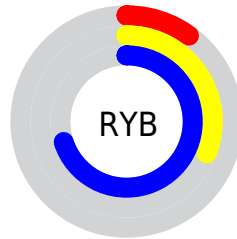
The Decimal color **1731762** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11690010**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **6529002**, and **15741** is the 20% darker color. If you saturate the color by 10%, you get **550066**, and if you desaturate by 10%, it is **2913458**.

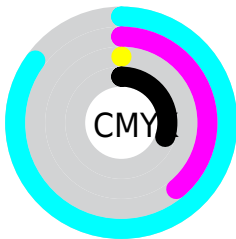
Distribution



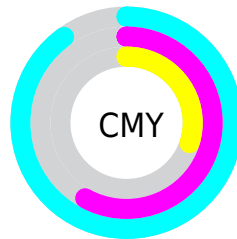
- Red (10%)
- Green (42%)
- Blue (70%)



- Red (10%)
- Yellow (31%)
- Blue (70%)



- Cyan (85%)
- Magenta (39%)
- Yellow (0%)
- Black (30%)



















- Cyan (90%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1731762 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 1731762 by changing the saturation by 10% instead.

 1731762	 1731762
 16777215	 21655
 6529002	 15741
 8436479	 10339
 10409471	 5195
 12317439	 1076
 14286847	 542
 16252927	 0

 1731762	 1731762
 550066	 2913458

■ 24754

■ 4095154

■ 5211570

■ 6393266

■ 7574962

■ 8756658

■ 9938354

■ 11054770

■ 12236466

Harmonies

Analogous

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



30122



1731762



7298726

Triad

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



1731762



11095363



1669191

Complementary

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



1731762



1169010

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.



5534248



1731762



9853735

Square

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



1731762



11224935



7956762



31596

Rectangle

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



1731762



9262229



7956762



3372859

Sweetspot

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



1731762



11324648



1749598



5334389



16119285



7697781

Same Dimension

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



1731762



32232



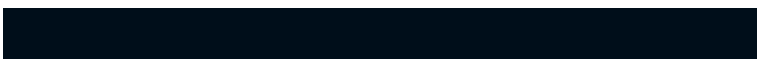
1712818



5264729



21401



3610

Inverse Universe

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



11672172



15204477



11708954



5853269



10027091



1703950

Previews

White Background



This preview shows how the Decimal color 1731762 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 × Fail

Black Background



This preview shows how the Decimal color 1731762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 1731762 Background



This preview shows how black text looks on a background with the Decimal color 1731762.



This preview shows how white text looks on a background with the Decimal color 1731762.

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](#).

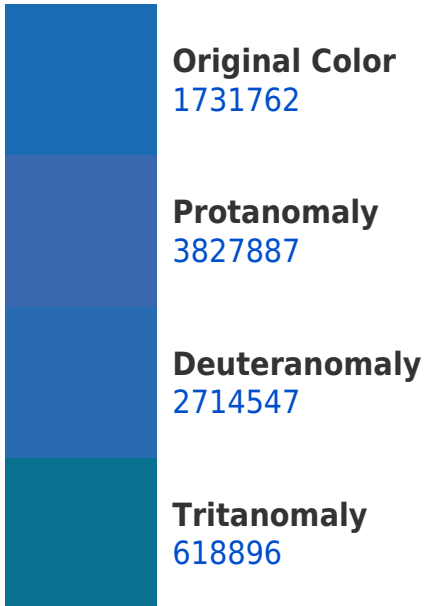
Dichromacy



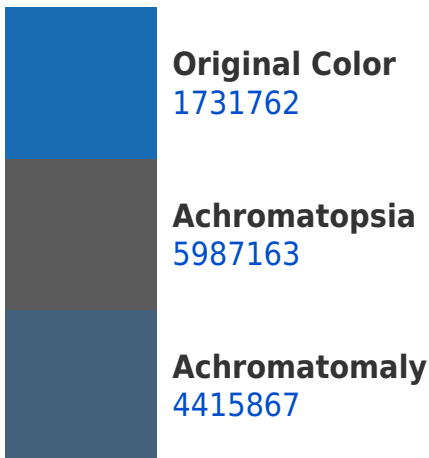


Tritanopia
29821

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1731762 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 #1A6CB2 looks like.

```
.text, #text, p{  
  color:#1A6CB2  
}
```

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 #1A6CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6CB2
}
```

Border

The CSS property to change the border of an element to Decimal 1731762 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
#1A6CB2 }
```

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

```
.border{ border-color:#1A6CB2 }
```

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

Here you see how a box with a 4 pixel #1A6CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6CB2; -webkit-box-shadow:4px 4px  
4px 4px #1A6CB2; box-shadow:4px 4px 4px  
4px #1A6CB2 }
```

Background

The CSS property to change the background color of an element to Decimal 1731762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6CB2 }
```

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

```
.background{ background-color:#1A6CB2 }
```

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