

Converting Colors

Decimal(1790133)

Have a look what the booklet for
Decimal(1790133) contains.

Decimal(1790133)	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(1790133)

Conversions

Conversions Part 1

Format	Color
Hex	1B50B5
RGB	27, 80, 181
RGB Percent	11%, 31%, 71%
CMY	0.8941, 0.6863, 0.2902
CMYK	0.85, 0.56, 0.00, 0.29
HSL	219°, 74%, 41%
HSV	219°, 85%, 71%
XYZ	11.6611, 9.3065, 44.8978
YIQ	75.6670, -64.0090, 20.1750

Conversions

Conversions Part 2

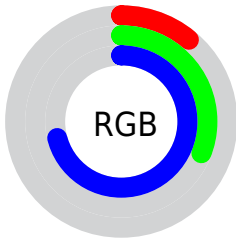
Format	Color
R_{YB}	27, 66, 181
Decimal	1790133
CIE _{Lab}	36.57, 21.86, -58.23
CIE _{LCh}	37, 62.197, 290.580
Yxy	9.3065, 0.1770, 0.1413
Android (android.graphics.Color)	4279980213 (0xFF1B50B5)
YUV	75.6670, 51.9292, -42.6810
Hunter-Lab	30.5066, 14.8450, -65.9048

Details

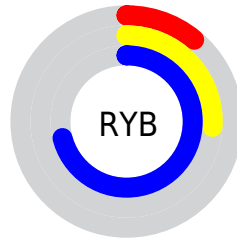
The Decimal color **1790133** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **11894811**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **6652398**, and **9599** is the 20% darker color. If you saturate the color by 10%, you get **607413**, and if you desaturate by 10%, it is **2972853**.

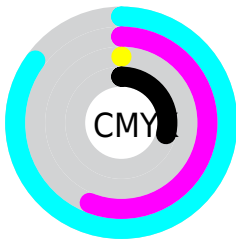
Distribution



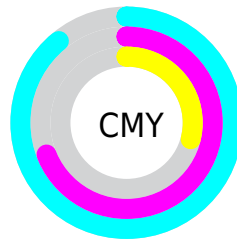
- Red (11%)
- Green (31%)
- Blue (71%)



- Red (11%)
- Yellow (26%)
- Blue (71%)



- Cyan (85%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (89%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1790133 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 1790133 by changing the saturation by 10% instead.

■ 1790133

■ 1790133

16777215

■ 15002

■ 6652398

■ 9599

■ 8624895

■ 4965

■ 10597887

■ 1101

■ 12505599

■ 1333

■ 14478847

■ 543

■ 16515071

■ 1

■ 0

■ 1790133

■ 1790133

■ 607413

■ 2972853

■ 16053

■ 4155573

■ 5338293

■ 6520757

■ 7769013

■ 8951733

■ 10134453

■ 11317173

■ 12499893

Harmonies

Analogous

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



25018



1790133



8467606

Triad

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



1790133



9975040



27204

Complementary

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



1790133



11894811

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.



26121



1790133



7818752

Square

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



1790133



11145783



4808192



27512

Rectangle

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



1790133



10296440



4808192



26930

Sweetspot

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



1790133



11453419



1815935



5332341



16119285



7697781

Same Dimension

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



1790133



20971



3283893



5264217



13721



2330

Inverse Universe

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



11869008



15401041



10401051



5853267



10027061



1703945

Previews

White Background



This preview shows how the Decimal color 1790133 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



This preview shows how the Decimal color 1790133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

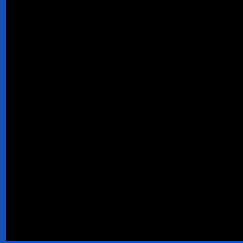
Any Text WCAG AA × Fail

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 1790133 Background



This preview shows how black text looks on a background with the Decimal color 1790133.



This preview shows how white text looks on a background with the Decimal color 1790133.

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
1790133

Protanomaly
676273

Deuteranomaly
677282

Tritanomaly
678530

Monochromacy



Original Color
1790133

Achromatopsia
5000268

Achromatomaly
3820914

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1790133 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 #1B50B5 looks like.

```
.text, #text, p{  
  color:#1B50B5  
}
```

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 #1B50B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B50B5
}
```

Border

The CSS property to change the border of an element to Decimal 1790133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

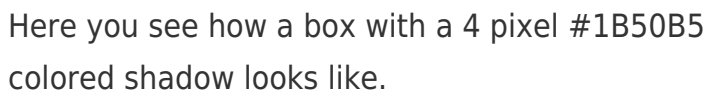
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B50B5 }
```

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

```
.border{ border-color:#1B50B5 }
```

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



Here you see how a box with a 4 pixel #1B50B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B50B5; -webkit-box-shadow:4px 4px  
4px 4px #1B50B5; box-shadow:4px 4px 4px  
4px #1B50B5 }
```

Background

The CSS property to change the background color of an element to Decimal 1790133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B50B5 }
```

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

```
.background{ background-color:#1B50B5 }
```

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