

Converting Colors

Decimal(1783780)

Have a look what the booklet for
Decimal(1783780) contains.

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Color

Decimal(1783780)

Conversions

Conversions Part 1

Format	Color
Hex	1B37E4
RGB	27, 55, 228
RGB Percent	11%, 22%, 89%
CMY	0.8941, 0.7843, 0.1059
CMYK	0.88, 0.76, 0.00, 0.11
HSL	232°, 79%, 50%
HSV	232°, 88%, 89%
XYZ	15.8218, 8.5668, 74.2185
YIQ	66.3500, -72.2210, 47.8670

Conversions

Conversions Part 2

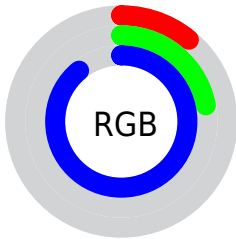
Format	Color
R _Y B	27, 52, 228
Decimal	1783780
CIE Lab	35.14, 54.63, -87.85
CIE LCh	35, 103.450, 301.877
Yxy	8.5668, 0.1605, 0.0869
Android (android.graphics.Color)	4279973860 (0xFF1B37E4)
YUV	66.3500, 79.6934, -34.5099
Hunter-Lab	29.2691, 45.2693, -129.8547

Details

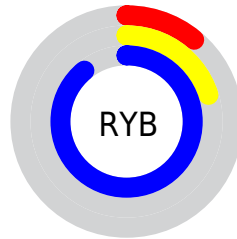
The Decimal color **1783780** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **14993435**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **7629055**, and **2475** is the 20% darker color. If you saturate the color by 10%, you get **271332**, and if you desaturate by 10%, it is **3296228**.

Distribution



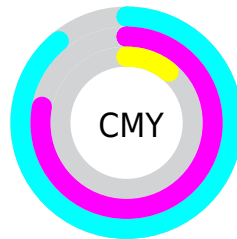
- Red (11%)
- Green (22%)
- Blue (89%)



- Red (11%)
- Yellow (20%)
- Blue (89%)



- Cyan (88%)
- Magenta (76%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (78%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1783780 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 1783780 by changing the saturation by 10% instead.

■ 1783780

■ 1783780

16777215

■ 8391

■ 7629055

■ 2475

■ 9798399

■ 143

■ 11902207

■ 117

■ 14006271

■ 3419

■ 16110591

■ 1858

■ 16773375

■ 811

■ 277

■ 0

■ 1783780

■ 1783780

■ 271332

■ 3296228

■ 8420

■ 4808420

■ 6255332

■ 7767524

■ 9279972

■ 10792420

■ 12304612

■ 13751524

■ 15263972

Harmonies

Analogous

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



24831



1783780



11600035

Triad

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



1783780



10429184



27990

Complementary

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



1783780



14993435

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.



27136



1783780



6377984

Square

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



1783780



13238272



25600



28586

Rectangle

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



1783780



13566061



25600



27705

Sweetspot

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



1783780



12437247



1828038



5791104



0



8421504

Same Dimension

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



1783780



9471



6364132



6777203



6579



1843

Inverse Universe

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



14949175



16711716



10413083



7563113



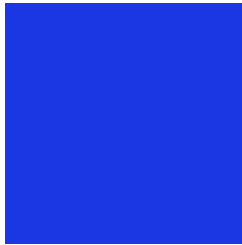
11730969



3342343

Previews

White Background



This preview shows how the Decimal color 1783780 looks on a white background.

Color Contrast Check

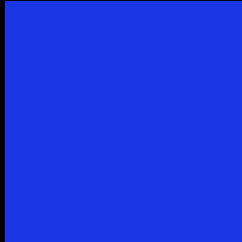
Large Text (above 18pt) WCAG AA ✓ Pass

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 1783780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

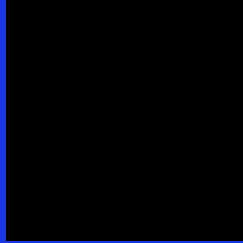
Any Text WCAG AA × Fail

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 1783780 Background



This preview shows how black text looks on a background with the Decimal color 1783780.

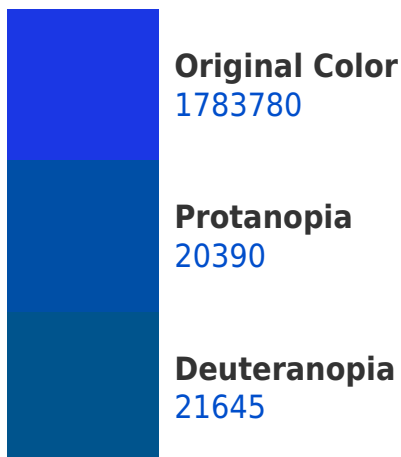


This preview shows how white text looks on a background with the Decimal color 1783780.

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
1783780

Protanomaly
673469

Deuteranomaly
674221

Monochromacy



Original Color
1783780

Achromatopsia
4342338

Achromatomaly
3423869

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1783780 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 #1B37E4 looks like.

```
.text, #text, p{  
    color:#1B37E4  
}
```

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 #1B37E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B37E4
}
```

Border

The CSS property to change the border of an element to Decimal 1783780 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
#1B37E4 }
```

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

```
.border{ border-color:#1B37E4 }
```

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

Here you see how a box with a 4 pixel #1B37E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B37E4; -webkit-box-shadow:4px 4px  
4px 4px #1B37E4; box-shadow:4px 4px 4px  
4px #1B37E4 }
```

Background

The CSS property to change the background color of an element to Decimal 1783780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B37E4 }
```

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

```
.background{ background-color:#1B37E4 }
```

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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