

# Converting Colors

Decimal(1710776)

Have a look what the booklet for  
Decimal(1710776) contains.

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# Color

**Decimal(1710776)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A1AB8
RGB	26, 26, 184
RGB Percent	10%, 10%, 72%
CMY	0.8980, 0.8980, 0.2784
CMYK	0.86, 0.86, 0.00, 0.28
HSL	240°, 75%, 41%
HSV	240°, 86%, 72%
XYZ	9.4471, 4.4191, 45.7025
YIQ	44.0120, -50.7180, 49.1380

# Conversions

## Conversions Part 2

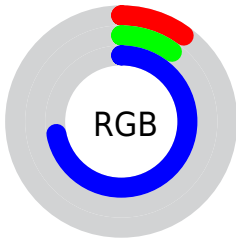
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 26, 184
Decimal	1710776
CIE <sub>Lab</sub>	25.01, 54.84, -79.04
CIE <sub>LCh</sub>	25, 96.198, 304.754
Yxy	4.4191, 0.1586, 0.0742
Android (android.graphics.Color)	4279900856 (0xFF1A1AB8)
YUV	44.0120, 69.0141, -15.7965
Hunter-Lab	21.0216, 43.4300, -114.1853

# Details

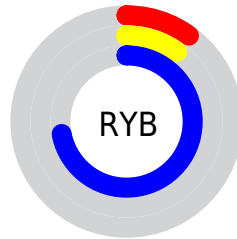
The Decimal color **1710776** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **12105754**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **6966513**, and **129** is the 20% darker color. If you saturate the color by 10%, you get **526520**, and if you desaturate by 10%, it is **2895032**.

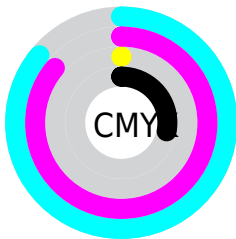
# Distribution



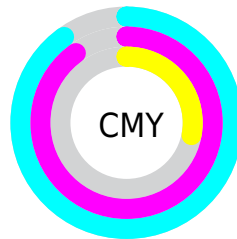
- Red (10%)
- Green (10%)
- Blue (72%)



- Red (10%)
- Yellow (10%)
- Blue (72%)



- Cyan (86%)
- Magenta (86%)
- Yellow (0%)
- Black (28%)






















- Cyan (90%)
- Magenta (90%)
- Yellow (28%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1710776 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 1710776 by changing the saturation by 10% instead.



 1710776	 1710776
16777215	 156
 6966513	 129
 9004543	 103
 11042815	 2638
 13081343	 1334
 15054335	 544
 16765439	 4
 16772863	 0
 1710776	 1710776

■ 526520

■ 2895032

■ 184

■ 4145080

■ 5329336

■ 6579384

■ 7763640

■ 8947896

■ 10197944

■ 11382200

■ 12632248

# Harmonies

## Analogous

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



18388



1710776



9633915

# Triad

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



1710776



7869440



20806

# Complementary

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



1710776



12105754

# 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.



20224



1710776



4210176

# Square

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



1710776



10420224



19200



21391

# Rectangle

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



1710776



11075660



19200



20780



# Sweetspot

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



1710776



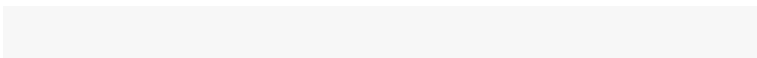
11645424



1751224



5460856



16250871



7895160



# Same Dimension

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



1710776



240



6888120



5460828



156



28



# Inverse Universe

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



12065464



15728880



6928410



6050652



10223772

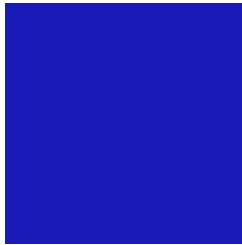


1835036



# Previews

## White Background



This preview shows how the Decimal color 1710776 looks on a white background.

## Color Contrast Check

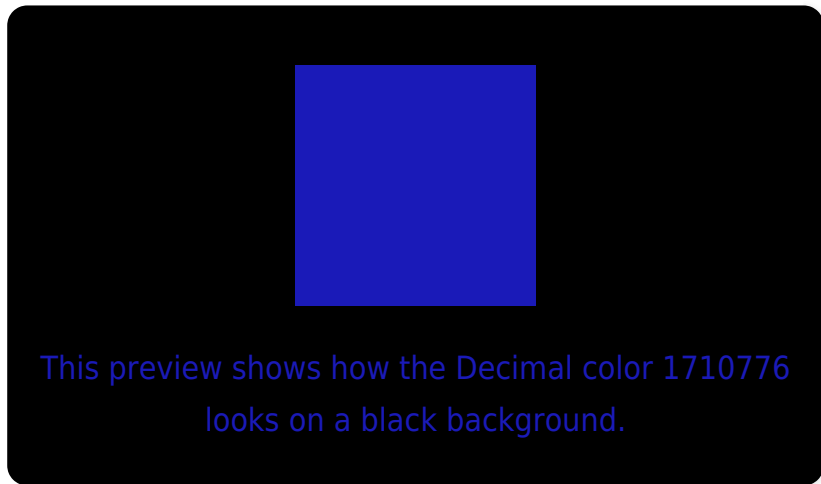
Large Text (above 18pt) WCAG AA ✓ Pass

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

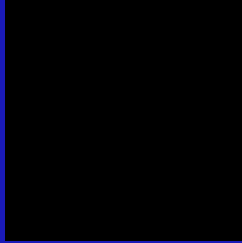
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1710776 Background



This preview shows how black text looks on a background with the Decimal color 1710776.



This preview shows how white text looks on a background with the Decimal color 1710776.

# 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**  
1710776

**Protanomaly**  
601744

**Tritanomaly**  
603247

# Monochromacy



**Original Color**  
1710776

**Achromatopsia**  
2894892

**Achromatomaly**  
2434399

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1710776 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 #1A1AB8 looks like.

```
.text, #text, p{  
    color:#1A1AB8  
}
```

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 #1A1AB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1AB8
}
```

## Border

The CSS property to change the border of an element to Decimal 1710776 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".

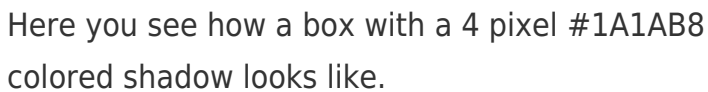
```
.border, #border, table{ border:4px solid
#1A1AB8 }
```

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

```
.border{ border-color:#1A1AB8 }
```

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

Here you see how a box with a 4 pixel #1A1AB8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1AB8; -webkit-box-shadow:4px 4px  
4px 4px #1A1AB8; box-shadow:4px 4px 4px  
4px #1A1AB8 }
```

# Background

The CSS property to change the background color of an element to Decimal 1710776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1AB8 }
```

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

```
.background{ background-color:#1A1AB8 }
```

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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