

# Converting Colors

Decimal(1991870)

Have a look what the booklet for  
Decimal(1991870) contains.

<b>Decimal(1991870)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(1991870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E64BE
RGB	30, 100, 190
RGB Percent	12%, 39%, 75%
CMY	0.8824, 0.6078, 0.2549
CMYK	0.84, 0.47, 0.00, 0.25
HSL	214°, 73%, 43%
HSV	214°, 84%, 75%
XYZ	14.3869, 13.1081, 50.4870
YIQ	89.3300, -70.6100, 13.1500

# Conversions

## Conversions Part 2

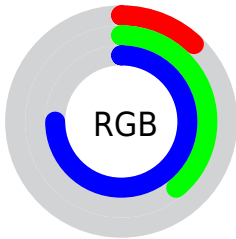
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 79, 190
Decimal	1991870
CIE Lab	42.93, 12.48, -53.20
CIE LCh	43, 54.648, 283.200
Yxy	13.1081, 0.1845, 0.1681
Android (android.graphics.Color)	4280181950 (0xFF1E64BE)
YUV	89.3300, 49.6303, -52.0324
Hunter-Lab	36.2051, 7.5719, -57.3348

# Details

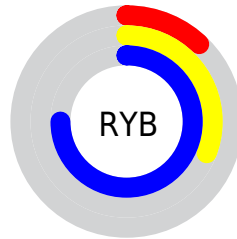
The Decimal color **1991870** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **12482590**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **6788855**, and **14216** is the 20% darker color. If you saturate the color by 10%, you get **743870**, and if you desaturate by 10%, it is **3239870**.

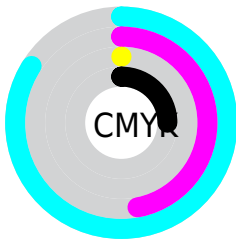
# Distribution



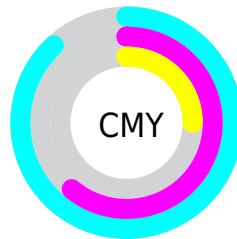
- Red (12%)
- Green (39%)
- Blue (75%)



- Red (12%)
- Yellow (31%)
- Blue (75%)



- Cyan (84%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (88%)
- Magenta (61%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1991870 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 1991870 by changing the saturation by 10% instead.



■ 1991870

■ 1991870

16777215

■ 19875

■ 6788855

■ 14216

■ 8827391

■ 8814

■ 10800383

■ 3157

■ 12708095

■ 1597

■ 14745599

■ 806

16711679

■ 271

■ 0

■ 1991870

■ 1991870

■ 743870

■ 3239870

■ 21438

■ 4487614

■ 5735614

■ 6983614

■ 8231358

■ 9479358

■ 10727358

■ 11975358

■ 13223102

# Harmonies

## Analogous

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



29372



1991870



8409256

# Triad

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



1991870



11224617



30794

# Complementary

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



1991870



12482590

# 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.



3371804



1991870



9394688

# Square

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



1991870



11875923



6842880



31353

# Rectangle

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



1991870



10437007



6842880



30522



# Sweetspot

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



1991870



12244471



2014838



5728381



16579836



8224125



# Same Dimension

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



1991870



27895



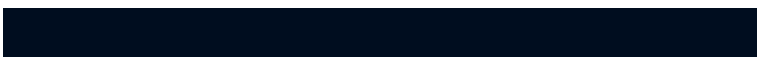
2498238



5593438



17822



3359



# Inverse Universe

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



12459620



16187500



11976222



6182233



10354757



2031629



# Previews

## White Background



This preview shows how the Decimal color 1991870 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 1991870 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

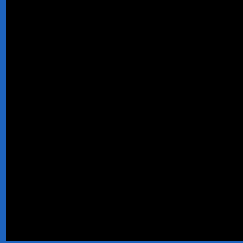
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1991870 Background



This preview shows how black text looks on a background with the Decimal color 1991870.



This preview shows how white text looks on a background with the Decimal color 1991870.

# 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](#).

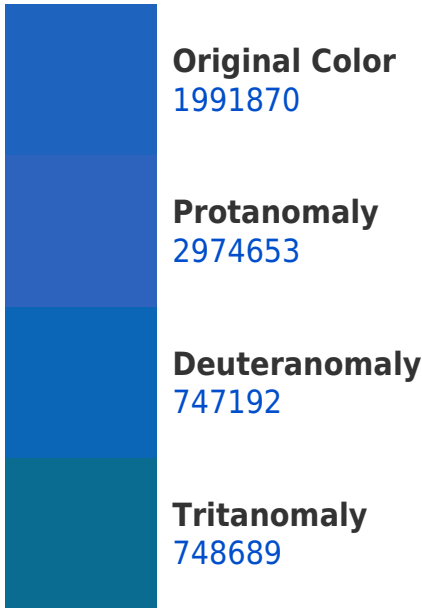
## Dichromacy



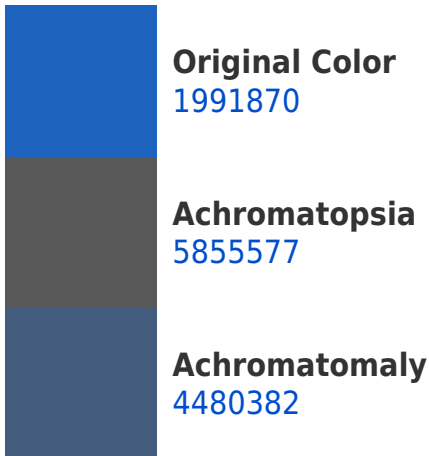


**Tritanopia**  
28792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1991870 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 #1E64BE looks like.

```
.text, #text, p{  
    color:#1E64BE  
}
```

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 #1E64BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E64BE
}
```

## Border

The CSS property to change the border of an element to Decimal 1991870 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
#1E64BE }
```

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

```
.border{ border-color:#1E64BE }
```

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

Here you see how a box with a 4 pixel #1E64BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E64BE; -webkit-box-shadow:4px 4px  
4px 4px #1E64BE; box-shadow:4px 4px 4px  
4px #1E64BE }
```

# Background

The CSS property to change the background color of an element to Decimal 1991870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E64BE }
```

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

```
.background{ background-color:#1E64BE }
```

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