

# Converting Colors

Decimal(1990559)

Have a look what the booklet for  
Decimal(1990559) contains.

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# Color

**Decimal(1990559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E5F9F
RGB	30, 95, 159
RGB Percent	12%, 37%, 62%
CMY	0.8824, 0.6275, 0.3765
CMYK	0.81, 0.40, 0.00, 0.38
HSL	210°, 68%, 37%
HSV	210°, 81%, 62%
XYZ	10.8856, 10.9636, 34.3433
YIQ	82.8610, -59.2840, 6.1240

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 73, 159
Decimal	1990559
CIE <sub>Lab</sub>	39.52, 3.51, -40.42
CIE <sub>LCh</sub>	40, 40.571, 274.960
Yxy	10.9636, 0.1937, 0.1951
Android (android.graphics.Color)	4280180639 (0xFF1E5F9F)
YUV	82.8610, 37.5365, -46.3591
Hunter-Lab	33.1114, 0.7384, -38.3180

# Details

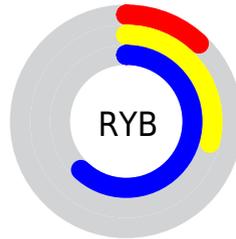
The Decimal color **1990559** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10444318**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **6328790**, and **12907** is the 20% darker color. If you saturate the color by 10%, you get **939935**, and if you desaturate by 10%, it is **3041183**.

# Distribution



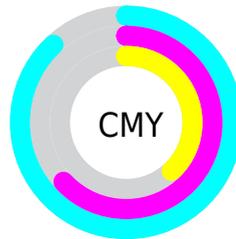
-  Red (12%)
-  Green (37%)
-  Blue (62%)



-  Red (12%)
-  Yellow (29%)
-  Blue (62%)



-  Cyan (81%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (88%)
-  Magenta (63%)
-  Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1990559 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 1990559 by changing the saturation by 10% instead.

■ 1990559

■ 1990559

16777215

■ 18565

■ 6328790

■ 12907

■ 8236019

■ 7506

■ 10078207

■ 1339

■ 11985919

■ 548

■ 13959167

■ 12

■ 15859711

■ 0

■ 1990559

■ 1990559

■ 939935

■ 3041183

■ 20639

■ 4091807

■ 5142431

■ 6193055

■ 7243423

■ 8228511

■ 9279135

■ 10329759

■ 11380383

# Harmonies

## Analogous

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



26777



1990559



6705811

# Triad

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



1990559



9847865



748352

# Complementary

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



1990559



10444318

# 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.



4679203



1990559



8737056

# Square

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



1990559



10042969



6970645



28002

# Rectangle

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



1990559



8407427



6970645



2648629

# Sweetspot

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



1990559



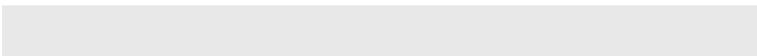
10335951



2006876



4872809



15263976



6908265



# Same Dimension

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



1990559



420815



1974431



4672335



18575



2063



# Inverse Universe

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



10427999



13567595



10460446



5195595



9371720



983048



# Previews

## White Background



This preview shows how the Decimal color 1990559 looks on a white background.

## Color Contrast Check

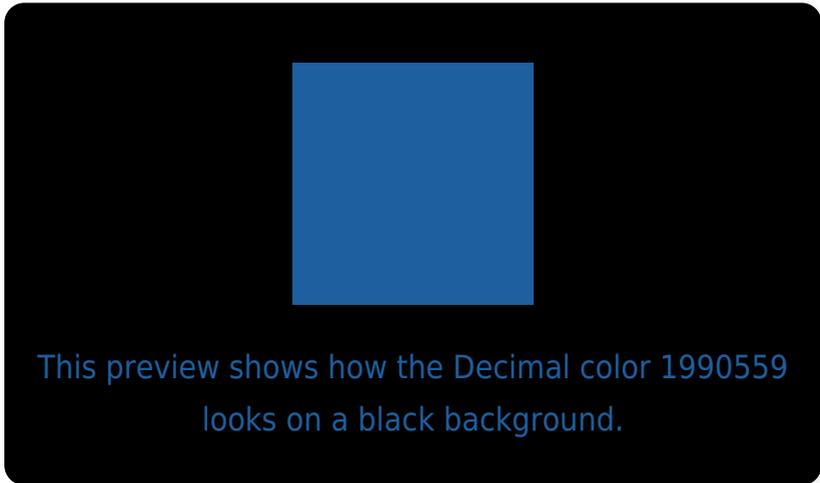
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

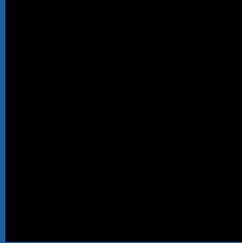
Any Text WCAG AA × Fail

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 1990559 Background



This preview shows how black text looks on a background with the Decimal color 1990559.



This preview shows how white text looks on a background with the Decimal color 1990559.

# 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**  
26479

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1990559 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 #1E5F9F looks like.

```
.text, #text, p{  
  color:#1E5F9F  
}
```

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 #1E5F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5F9F
}
```

## Border

The CSS property to change the border of an element to Decimal 1990559 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
#1E5F9F }
```

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

```
.border{ border-color:#1E5F9F }
```

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

Here you see how a box with a 4 pixel #1E5F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5F9F; -webkit-box-shadow:4px 4px  
4px 4px #1E5F9F; box-shadow:4px 4px 4px  
4px #1E5F9F }
```

# Background

The CSS property to change the background color of an element to Decimal 1990559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5F9F }
```

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

```
.background{ background-color:#1E5F9F }
```

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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