

# Converting Colors

Decimal(2058890)

Have a look what the booklet for  
Decimal(2058890) contains.

<b>Decimal(2058890)</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(2058890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F6A8A
RGB	31, 106, 138
RGB Percent	12%, 42%, 54%
CMY	0.8784, 0.5843, 0.4588
CMYK	0.78, 0.23, 0.00, 0.46
HSL	198°, 63%, 33%
HSV	198°, 78%, 54%
XYZ	10.3066, 12.4344, 25.9016
YIQ	87.2230, -54.9720, -5.9480

# Conversions

## Conversions Part 2

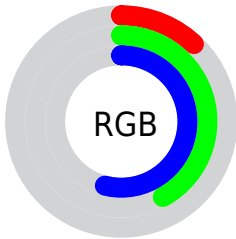
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 75, 138
Decimal	2058890
CIE <sub>Lab</sub>	41.90, -11.13, -24.10
CIE <sub>LCh</sub>	42, 26.545, 245.208
Yxy	12.4344, 0.2119, 0.2556
Android (android.graphics.Color)	4280248970 (0xFF1F6A8A)
YUV	87.2230, 25.0331, -49.3076
Hunter-Lab	35.2624, -9.5368, -18.8672

# Details

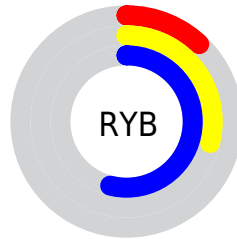
The Decimal color **2058890** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9060127**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **6069696**, and **15192** is the 20% darker color. If you saturate the color by 10%, you get **1140362**, and if you desaturate by 10%, it is **2977418**.

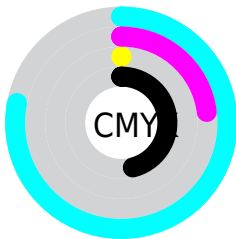
# Distribution



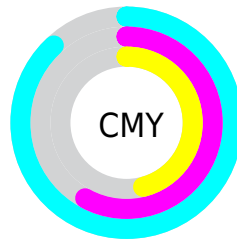
- Red (12%)
- Green (42%)
- Blue (54%)



- Red (12%)
- Yellow (29%)
- Blue (54%)



- Cyan (78%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (88%)
- Magenta (58%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2058890 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 2058890 by changing the saturation by 10% instead.



■ 2058890

■ 2058890

16777215

■ 21104

■ 6069696

■ 15192

■ 7911643

■ 9536

■ 9753848

■ 3882

■ 11661567

■ 277

■ 13565951

■ 0

■ 15466495

■ 2058890

■ 2058890

■ 1140362

■ 2977418

■ 221834

■ 3895946

■ 24970

■ 4748938

■ 5667722

■ 6586250

■ 7504778

■ 8423306

■ 9276298

■ 10194826

# Harmonies

## Analogous

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



28283



2058890



4809870

# Triad

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



2058890



9196128



5663038

# Complementary

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



2058890



9060127

# 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.



7168823



2058890



9131083

# Square

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



2058890



8476022



8411964



3894608

# Rectangle

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



2058890



6315914



8411964



6186811



# Sweetspot

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



2058890



9021107



2067005



4215385



14277081



5855577



# Same Dimension

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



2058890



819635



2045578



4080453



23941



1029



# Inverse Universe

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



9052010



11734145



9073439



4537923



8716381



327684



# Previews

## White Background



This preview shows how the Decimal color 2058890 looks on a white background.

## Color Contrast Check

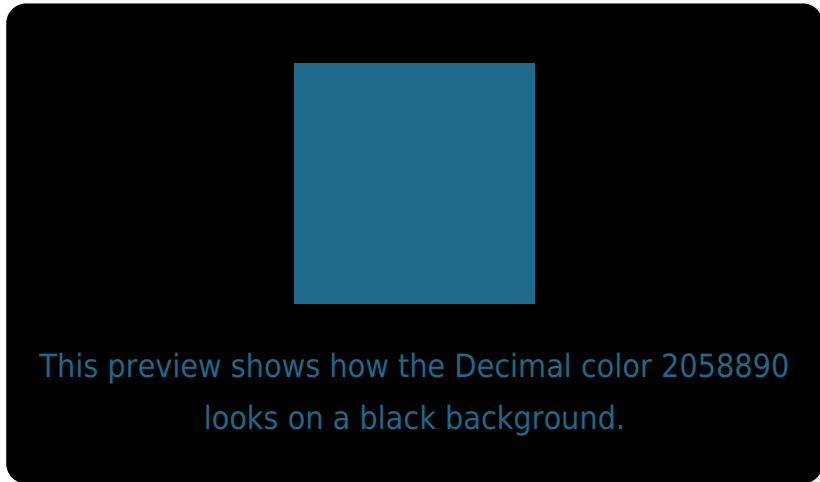
Large Text (above 18pt) WCAG AA ✓ Pass

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 2058890 Background



This preview shows how black text looks on a background with the Decimal color 2058890.

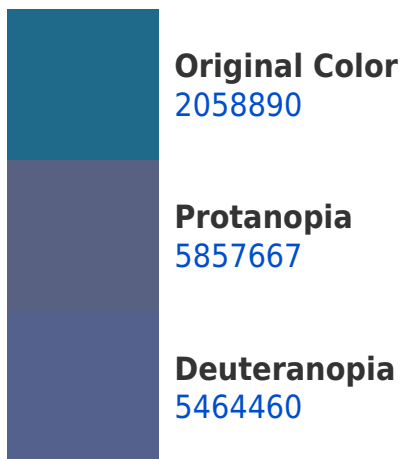


This preview shows how white text looks on a background with the Decimal color 2058890.

# Color Blindness Simulation

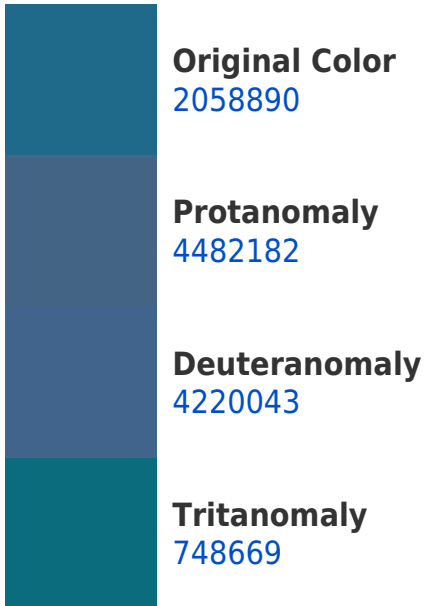
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

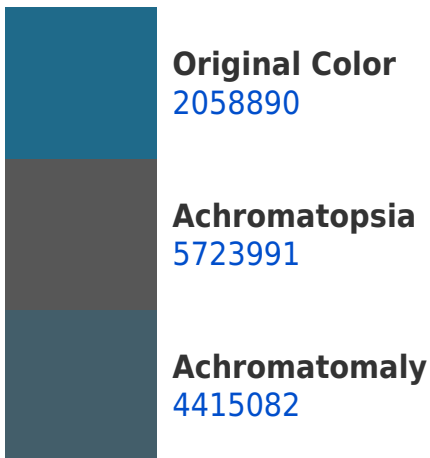




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2058890 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 #1F6A8A looks like.

```
.text, #text, p{  
  color:#1F6A8A  
}
```

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 #1F6A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6A8A
}
```

## Border

The CSS property to change the border of an element to Decimal 2058890 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
#1F6A8A }
```

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

```
.border{ border-color:#1F6A8A }
```

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

Here you see how a box with a 4 pixel #1F6A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6A8A; -webkit-box-shadow:4px 4px  
4px 4px #1F6A8A; box-shadow:4px 4px 4px  
4px #1F6A8A }
```

# Background

The CSS property to change the background color of an element to Decimal 2058890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6A8A }
```

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

```
.background{ background-color:#1F6A8A }
```

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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