

# Converting Colors

Decimal(2032990)

Have a look what the booklet for  
Decimal(2032990) contains.

<b>Decimal(2032990)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2032990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F055E
RGB	31, 5, 94
RGB Percent	12%, 2%, 37%
CMY	0.8784, 0.9804, 0.6314
CMYK	0.67, 0.95, 0.00, 0.63
HSL	258°, 90%, 19%
HSV	258°, 95%, 37%
XYZ	2.6397, 1.2080, 10.6837
YIQ	22.9200, -13.0730, 33.1910

# Conversions

## Conversions Part 2

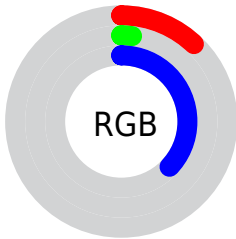
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 5, 94
Decimal	2032990
CIE <sub>Lab</sub>	10.62, 36.69, -46.36
CIE <sub>LCh</sub>	11, 59.121, 308.363
Yxy	1.2080, 0.1817, 0.0831
Android (android.graphics.Color)	4280223070 (0xFF1F055E)
YUV	22.9200, 35.0424, 7.0862
Hunter-Lab	10.9909, 23.6369, -49.9392

# Details

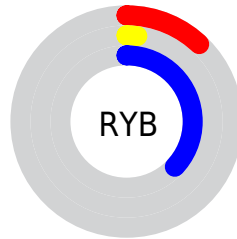
The Decimal color **2032990** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4480517**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **5649553**, and **1070** is the 20% darker color. If you saturate the color by 10%, you get **1769566**, and if you desaturate by 10%, it is **2494046**.

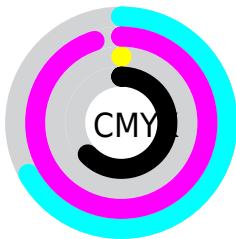
# Distribution



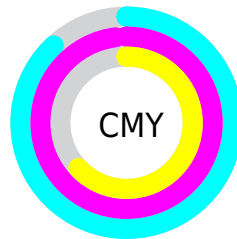
- Red (12%)
- Green (2%)
- Blue (37%)



- Red (12%)
- Yellow (2%)
- Blue (37%)



- Cyan (67%)
- Magenta (95%)
- Yellow (0%)
- Black (63%)



- Cyan (88%)
- Magenta (98%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2032990 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 2032990 by changing the saturation by 10% instead.



 2032990

 2032990

 16772351

 327750

 5649553

 1070

 7425196

 281

 9200840

 0

 10976997

 12884223

 14791679

 16699391

 2032990

 2032990

■ 1769566

■ 2494046

■ 2889822

■ 3350878

■ 3812190

■ 4207710

■ 4668766

■ 5130078

■ 5525598

■ 5986910

# Harmonies

## Analogous

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



8560



2032990



5242939

# Triad

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



2032990



3869952



10792

# Complementary

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



2032990



4480517

# 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.



10496



2032990



1777408

# Square

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



2032990



5373952



9984



11599

# Rectangle

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



2032990



5963809



9984



10777



# Sweetspot

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



2032990



6445178



345438



3024957



12434877



4013373



# Same Dimension

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



2032990



2359418



4916574



2828590



2097262



4522221



# Inverse Universe

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



6161732



7995479



1596933



3025197



7209038

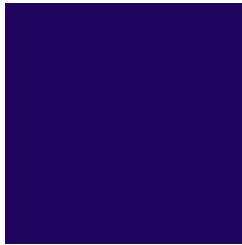


15532200



# Previews

## White Background



This preview shows how the Decimal color 2032990 looks on a white background.

## Color Contrast Check

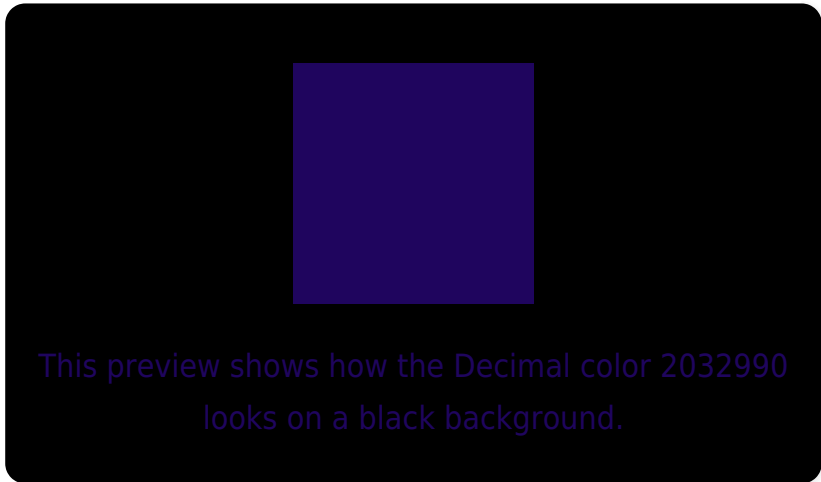
Large Text (above 18pt) WCAG AA ✓ Pass

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

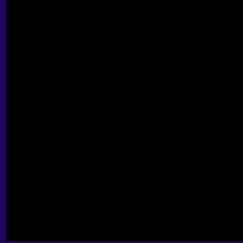
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2032990 Background



This preview shows how black text looks on a background with the Decimal color 2032990.



This preview shows how white text looks on a background with the Decimal color 2032990.

# 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



**Original Color**  
2032990

**Protanopia**  
8001

**Deuteranopia**  
8503



# Trichromacy



**Original Color**  
2032990

**Protanomaly**  
726604

**Deuteranomaly**  
726853

**Tritanomaly**  
727098

# Monochromacy



**Original Color**  
2032990

**Achromatopsia**  
1513239

**Achromatomaly**  
1708081

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2032990 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 #1F055E looks like.

```
.text, #text, p{  
    color:#1F055E  
}
```

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 #1F055E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F055E
}
```

## Border

The CSS property to change the border of an element to Decimal 2032990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

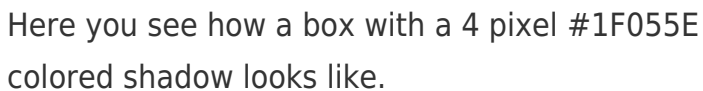
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F055E }
```

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

```
.border{ border-color:#1F055E }
```

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



Here you see how a box with a 4 pixel #1F055E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F055E; -webkit-box-shadow:4px 4px  
4px 4px #1F055E; box-shadow:4px 4px 4px  
4px #1F055E }
```

# Background

The CSS property to change the background color of an element to Decimal 2032990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F055E }
```

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

```
.background{ background-color:#1F055E }
```

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