

Converting Colors

Decimal(3481826)

Have a look what the booklet for
Decimal(3481826) contains.

Decimal(3481826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3481826)

Conversions

Conversions Part 1

Format	Color
Hex	3520E2
RGB	53, 32, 226
RGB Percent	21%, 13%, 89%
CMY	0.7922, 0.8745, 0.1137
CMYK	0.77, 0.86, 0.00, 0.11
HSL	246°, 77%, 51%
HSV	246°, 86%, 89%
XYZ	15.7122, 7.2809, 72.5287
YIQ	60.3950, -49.7580, 64.7860

Conversions

Conversions Part 2

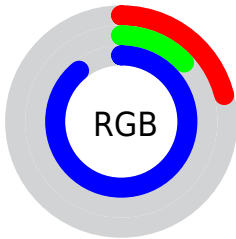
Format	Color
R _Y B	53, 32, 226
Decimal	3481826
CIE Lab	32.44, 65.63, -91.15
CIE LCh	32, 112.321, 305.752
Yxy	7.2809, 0.1645, 0.0762
Android (android.graphics.Color)	4281671906 (0xFF3520E2)
YUV	60.3950, 81.6433, -6.4854
Hunter-Lab	26.9831, 56.7194, -140.4791

Details

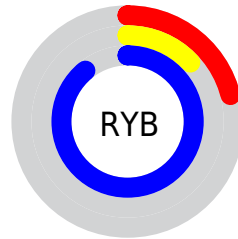
The Decimal color **3481826** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **13492768**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **8476159**, and **169** is the 20% darker color. If you saturate the color by 10%, you get **2165218**, and if you desaturate by 10%, it is **4798434**.

Distribution



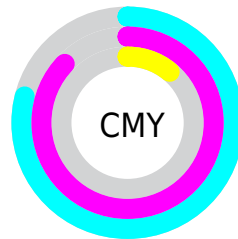
- Red (21%)
- Green (13%)
- Blue (89%)



- Red (21%)
- Yellow (13%)
- Blue (89%)



- Cyan (77%)
- Magenta (86%)
- Yellow (0%)
- Black (11%)






















- Cyan (79%)
- Magenta (87%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3481826 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 3481826 by changing the saturation by 10% instead.

 3481826	 3481826
 16777215	 197
 8476159	 169
 10580223	 141
 12684031	 115
 14788351	 3417
 16761599	 1856
 16768767	 809
 16776447	 276
	 0

■ 3481826

■ 3481826

■ 2165218

■ 4798434

■ 1573090

■ 6114786

■ 7431394

■ 8813282

■ 10129890

■ 11446498

■ 12762850

■ 14079458

■ 15395810

Harmonies

Analogous

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



23039



3481826



12124311

Triad

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



3481826



9707520



26460

Complementary

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



3481826



13492768

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.



25600



3481826



5197824

Square

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



3481826



12845056



24320



27317

Rectangle

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



3481826



13828189



24320



26173

Sweetspot

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



3481826



12893695



2150370



6051968



0



8421504

Same Dimension

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



3481826



1835263



9707746



6710640



1245360



327728

Inverse Universe

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



14819533



16711907



7266848



7365999



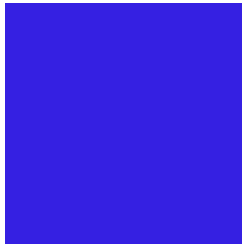
11534493



3145771

Previews

White Background



This preview shows how the Decimal color 3481826 looks on a white background.

Color Contrast Check

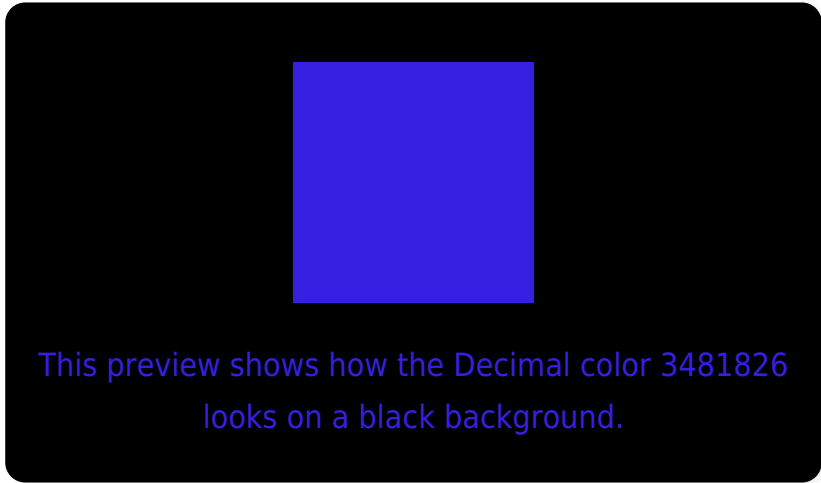
Large Text (above 18pt) WCAG AA ✓ Pass

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

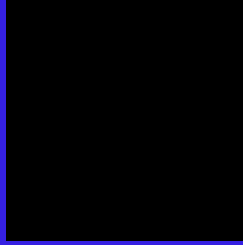
Any Text WCAG AA × Fail

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 3481826 Background



This preview shows how black text looks on a background with the Decimal color 3481826.



This preview shows how white text looks on a background with the Decimal color 3481826.

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
3481826

Protanomaly
1260212

Deuteranomaly
1260966

Tritanomaly
1261963

Monochromacy



Original Color
3481826

Achromatopsia
3947580

Achromatomaly
3748472

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3481826 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 #3520E2 looks like.

```
.text, #text, p{  
  color:#3520E2  
}
```

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 #3520E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3520E2
}
```

Border

The CSS property to change the border of an element to Decimal 3481826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

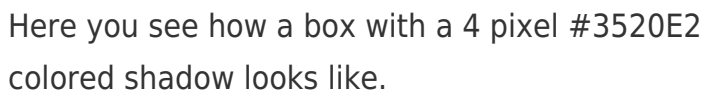
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3520E2 }
```

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

```
.border{ border-color:#3520E2 }
```

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



Here you see how a box with a 4 pixel #3520E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3520E2; -webkit-box-shadow:4px 4px  
4px 4px #3520E2; box-shadow:4px 4px 4px  
4px #3520E2 }
```

Background

The CSS property to change the background color of an element to Decimal 3481826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3520E2 }
```

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

```
.background{ background-color:#3520E2 }
```

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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