

Converting Colors

Decimal(2396853)

Have a look what the booklet for
Decimal(2396853) contains.

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Color

Decimal(2396853)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 2492B5 |
| RGB | 36, 146, 181 |
| RGB Percent | 14%, 57%, 71% |
| CMY | 0.8588, 0.4275, 0.2902 |
| CMYK | 0.80, 0.19, 0.00, 0.29 |
| HSL | 194°, 67%, 43% |
| HSV | 194°, 80%, 71% |
| XYZ | 19.3469, 24.2690, 47.3808 |
| YIQ | 117.1000, -76.7950, -12.4350 |

Conversions

Conversions Part 2

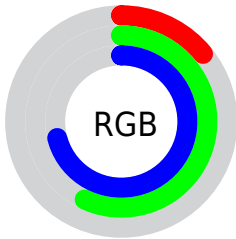
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 36, 99, 181 |
| Decimal | 2396853 |
| CIE _{Lab} | 56.36, -17.76, -26.81 |
| CIE _{LCh} | 56, 32.154, 236.477 |
| Yxy | 24.2690, 0.2126, 0.2667 |
| Android (android.graphics.Color) | 4280586933 (0xFF2492B5) |
| YUV | 117.1000, 31.5027, -71.1247 |
| Hunter-Lab | 49.2636, -16.1103, -22.5394 |

Details

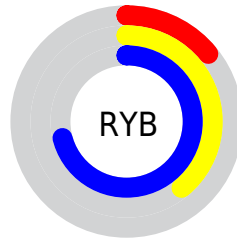
The Decimal color **2396853** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11880228**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6998253**, and **24448** is the 20% darker color. If you saturate the color by 10%, you get **1216181**, and if you desaturate by 10%, it is **3577525**.

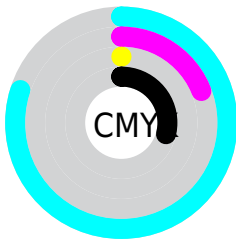
Distribution



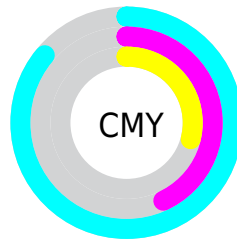
- Red (14%)
- Green (57%)
- Blue (71%)



- Red (14%)
- Yellow (39%)
- Blue (71%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2396853 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 2396853 by changing the saturation by 10% instead.

 2396853

 2396853

16777215

 30874

 6998253

 24448

 8971519

 18535

 10878975

 12623

 12845055

 7479

 14811135

 546

 8

 0

 2396853

 2396853

■ 1216181

■ 3577525

■ 35253

■ 4758453

■ 5939125

■ 7119797

■ 8366261

■ 9546933

■ 10727861

■ 11908533

■ 13089205

Harmonies

Analogous

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



759455



2396853



5802943

Triad

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



2396853



12219020



8424788

Complementary

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



2396853



11880228

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.



10257487



2396853



12415856

Square

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



2396853



10975142



11696985



6263655

Rectangle

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



2396853



7898557



11696985



9079377

Sweetspot

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



2396853



11722219



2405702



5467509



16119285



7697781

Same Dimension

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



2396853



636139



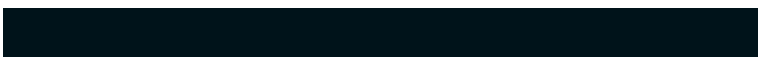
2378677



5265241



29849



4890

Inverse Universe

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



11871378



15403444



11898404



5853271



10027124



1703955

Previews

White Background



This preview shows how the Decimal color 2396853 looks on a white 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

Black Background



This preview shows how the Decimal color 2396853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

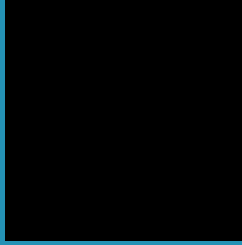
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 2396853 Background



This preview shows how black text looks on a background with the Decimal color 2396853.



This preview shows how white text looks on a background with the Decimal color 2396853.

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
38305

Trichromacy



Original Color
2396853

Protanomaly
6064815

Deuteranomaly
5868215

Tritanomaly
890024

Monochromacy



Original Color
2396853

Achromatopsia
7697781

Achromatomaly
5800076

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2396853 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 #2492B5 looks like.

```
.text, #text, p{  
    color:#2492B5  
}
```

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 #2492B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2492B5
}
```

Border

The CSS property to change the border of an element to Decimal 2396853 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
#2492B5 }
```

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

```
.border{ border-color:#2492B5 }
```

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

Here you see how a box with a 4 pixel #2492B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2492B5; -webkit-box-shadow:4px 4px  
4px 4px #2492B5; box-shadow:4px 4px 4px  
4px #2492B5 }
```

Background

The CSS property to change the background color of an element to Decimal 2396853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2492B5 }
```

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

```
.background{ background-color:#2492B5 }
```

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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