

Converting Colors

Decimal(2248058)

Have a look what the booklet for
Decimal(2248058) contains.

Decimal(2248058)	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(2248058)

Conversions

Conversions Part 1

Format	Color
Hex	224D7A
RGB	34, 77, 122
RGB Percent	13%, 30%, 48%
CMY	0.8667, 0.6980, 0.5216
CMYK	0.72, 0.37, 0.00, 0.52
HSL	211°, 56%, 31%
HSV	211°, 72%, 48%
XYZ	6.8264, 7.0530, 19.4139
YIQ	69.2730, -40.0730, 4.8790

Conversions

Conversions Part 2

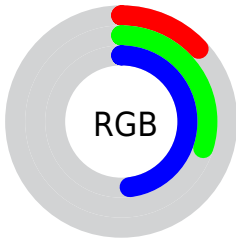
Format	Color
R_{YB}	34, 63, 122
Decimal	2248058
CIE _{Lab}	31.93, 1.25, -29.93
CIE _{LCh}	32, 29.961, 272.398
Yxy	7.0530, 0.2050, 0.2118
Android (android.graphics.Color)	4280438138 (0xFF224D7A)
YUV	69.2730, 25.9944, -30.9344
Hunter-Lab	26.5574, -0.5933, -24.7518

Details

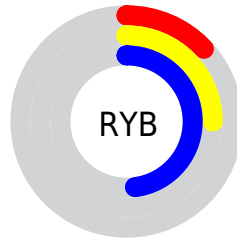
The Decimal color **2248058** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8015650**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **5930671**, and **8777** is the 20% darker color. If you saturate the color by 10%, you get **1460090**, and if you desaturate by 10%, it is **3036026**.

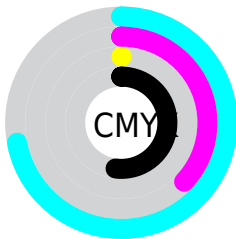
Distribution



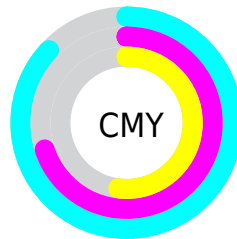
- Red (13%)
- Green (30%)
- Blue (48%)



- Red (13%)
- Yellow (25%)
- Blue (48%)



- Cyan (72%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (87%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2248058 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 2248058 by changing the saturation by 10% instead.

■ 2248058

■ 2248058

16777215

■ 13921

■ 5930671

■ 8777

■ 7706570

■ 2610

■ 9482982

■ 540

■ 11325183

■ 0

■ 13167359

■ 15073279

■ 2248058

■ 2248058

■ 1460090

■ 3036026

■ 672122

■ 3823994

■ 15482

■ 4677754

■ 5465722

■ 6253690

■ 7041658

■ 7829882

■ 8683386

■ 9471354

Harmonies

Analogous

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



21364



2248058



5194867

Triad

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



2248058



7682611



1987892

Complementary

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



2248058



8015650

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.



4149538



2248058



6963745

Square

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



2248058



7747402



5720602



22348

Rectangle

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



2248058



6438504



5720602



2839597

Sweetspot

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



2248058



8096926



2259534



3818831



13619151



5197647

Same Dimension

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



2248058



1398942



2237050



3619389



15741



31740

Inverse Universe

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



8004173



10360152



8026658



4011834



8192061



16515195

Previews

White Background



This preview shows how the Decimal color 2248058 looks on a white background.

Color Contrast Check

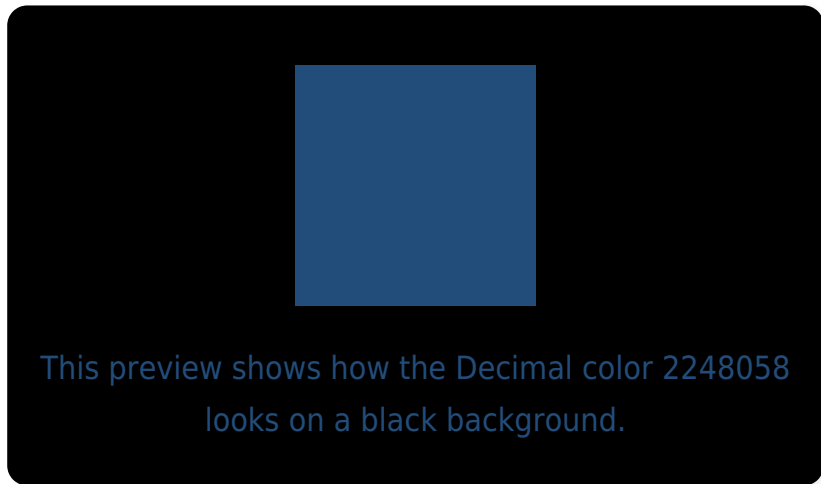
Large Text (above 18pt) WCAG AA ✓ Pass

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

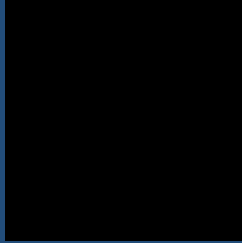
Any Text WCAG AA × Fail

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 2248058 Background



This preview shows how black text looks on a background with the Decimal color 2248058.



This preview shows how white text looks on a background with the Decimal color 2248058.

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
2248058

Protanomaly
3230328

Deuteranomaly
2706554

Tritanomaly
807270

Monochromacy



Original Color
2248058

Achromatopsia
4539717

Achromatomaly
3688536

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2248058 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 #224D7A looks like.

```
.text, #text, p{  
  color:#224D7A  
}
```

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 #224D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224D7A
}
```

Border

The CSS property to change the border of an element to Decimal 2248058 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
#224D7A }
```

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

```
.border{ border-color:#224D7A }
```

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

Here you see how a box with a 4 pixel #224D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224D7A; -webkit-box-shadow:4px 4px  
4px 4px #224D7A; box-shadow:4px 4px 4px  
4px #224D7A }
```

Background

The CSS property to change the background color of an element to Decimal 2248058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224D7A }
```

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

```
.background{ background-color:#224D7A }
```

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