

Converting Colors

Decimal(2446223)

Have a look what the booklet for
Decimal(2446223) contains.

Decimal(2446223)	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(2446223)

Conversions

Conversions Part 1

Format	Color
Hex	25538F
RGB	37, 83, 143
RGB Percent	15%, 33%, 56%
CMY	0.8549, 0.6745, 0.4392
CMYK	0.74, 0.42, 0.00, 0.44
HSL	214°, 59%, 35%
HSV	214°, 74%, 56%
XYZ	8.8141, 8.5630, 27.1749
YIQ	76.0860, -46.6760, 8.9080

Conversions

Conversions Part 2

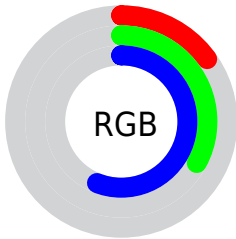
Format	Color
R_{YB}	37, 69, 143
Decimal	2446223
CIE _{Lab}	35.13, 5.93, -37.77
CIE _{LCh}	35, 38.231, 278.929
Yxy	8.5630, 0.1978, 0.1922
Android (android.graphics.Color)	4280636303 (0xFF25538F)
YUV	76.0860, 32.9886, -34.2784
Hunter-Lab	29.2626, 2.5561, -34.5762

Details

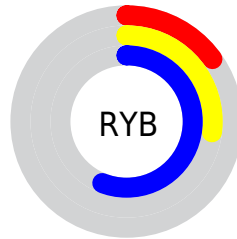
The Decimal color **2446223** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9396517**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **6325445**, and **10076** is the 20% darker color. If you saturate the color by 10%, you get **1526671**, and if you desaturate by 10%, it is **3365775**.

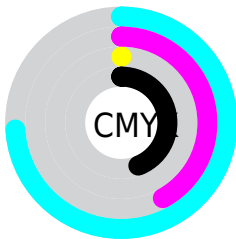
Distribution



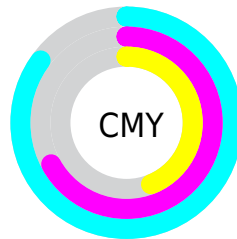
- Red (15%)
- Green (33%)
- Blue (56%)



- Red (15%)
- Yellow (27%)
- Blue (56%)



- Cyan (74%)
- Magenta (42%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2446223 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 2446223 by changing the saturation by 10% instead.

■ 2446223

■ 2446223

16777215

■ 15477

■ 6325445

■ 10076

■ 8167137

■ 4932

■ 10009086

■ 813

■ 11851007

■ 280

■ 13758975

■ 0

■ 15728639

■ 2446223

■ 2446223

■ 1526671

■ 3365775

■ 541583

■ 4350863

■ 16015

■ 5270415

■ 6189967

■ 7175055

■ 8094863

■ 9014415

■ 9933967

■ 10919055

Harmonies

Analogous

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



23691



2446223



6309762

Triad

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



2446223



8731950



24636

Complementary

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



2446223



9396517

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.



3759136



2446223



7620887

Square

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



2446223



9057867



5919760



24923

Rectangle

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



2446223



7749235



5919760



1597234

Sweetspot

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



2446223



9544634



2461535



4608094



14606046



6184542

Same Dimension

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



2446223



1334458



2762127



4211527



15239



776

Inverse Universe

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



9381203



12194908



9080613



4669507



8847419



524291

Previews

White Background



This preview shows how the Decimal color 2446223 looks on a white background.

Color Contrast Check

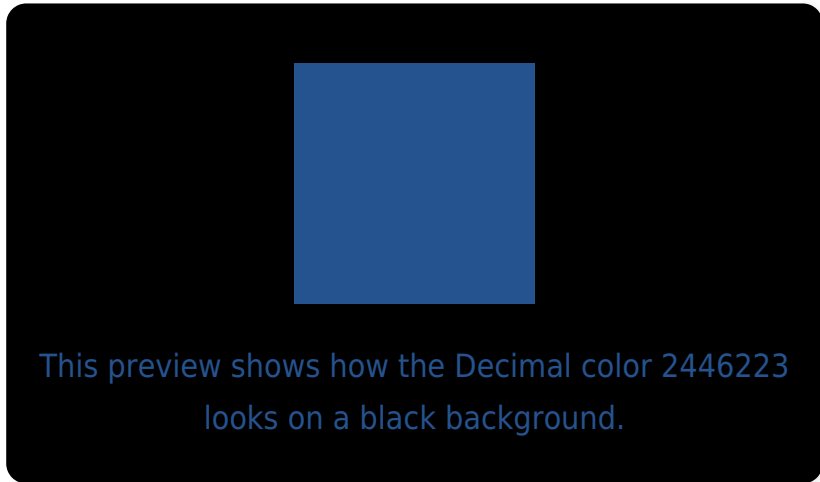
Large Text (above 18pt) WCAG AA ✓ Pass

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 2446223 Background



This preview shows how black text looks on a background with the Decimal color 2446223.



This preview shows how white text looks on a background with the Decimal color 2446223.

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

2446223

Protanopia

3690636

Deuteranopia

2249615



Tritanopia
23651

Trichromacy



Original Color
2446223

Protanomaly
3232141

Deuteranomaly
2315151

Tritanomaly
874867

Monochromacy



Original Color
2446223

Achromatopsia
5000268

Achromatomaly
4083556

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2446223 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 #25538F looks like.

```
.text, #text, p{  
    color:#25538F  
}
```

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 #25538F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25538F
}
```

Border

The CSS property to change the border of an element to Decimal 2446223 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
#25538F }
```

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

```
.border{ border-color:#25538F }
```

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

Here you see how a box with a 4 pixel #25538F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25538F; -webkit-box-shadow:4px 4px  
4px 4px #25538F; box-shadow:4px 4px 4px  
4px #25538F }
```

Background

The CSS property to change the background color of an element to Decimal 2446223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25538F }
```

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

```
.background{ background-color:#25538F }
```

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