

Converting Colors

Decimal(21404)

Have a look what the booklet for
Decimal(21404) contains.

Decimal(21404)	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>	28

Color

Decimal(21404)

Conversions

Conversions Part 1

Format	Color
Hex	00539C
RGB	0, 83, 156
RGB Percent	0%, 33%, 61%
CMY	1.0000, 0.6745, 0.3882
CMYK	1.00, 0.47, 0.00, 0.39
HSL	208°, 100%, 31%
HSV	208°, 100%, 61%
XYZ	9.0940, 8.5868, 32.6306
YIQ	66.5050, -72.9010, 5.1070

Conversions

Conversions Part 2

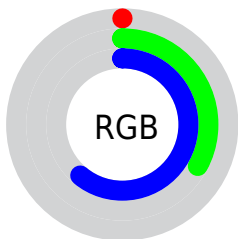
Format	Color
RYB	0, 54, 156
Decimal	21404
CIELab	35.18, 8.10, -45.60
CIELCh	35, 46.319, 280.071
Yxy	8.5868, 0.1808, 0.1707
Android (android.graphics.Color)	4278211484 (0xFF00539C)
YUV	66.5050, 44.1210, -58.3249
Hunter-Lab	29.3033, 4.1152, -45.5100

Details

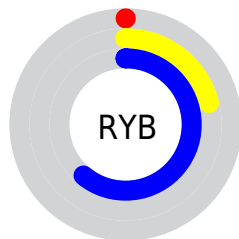
The Decimal color **21404** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10242304**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **5604563**, and **10088** is the 20% darker color. If you saturate the color by 10%, you get **21404**, and if you desaturate by 10%, it is **1071772**.

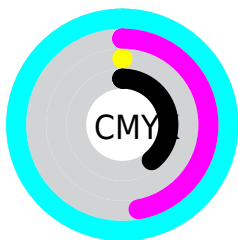
Distribution



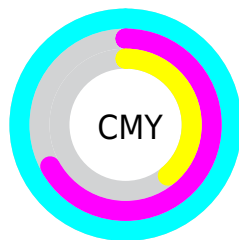
- Red (0%)
- Green (33%)
- Blue (61%)



- Red (0%)
- Yellow (21%)
- Blue (61%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (39%)



















- Cyan (100%)
- Magenta (67%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 21404 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 21404 by changing the saturation by 10% instead.

 21404	 21404
 16777215	 15490
 5604563	 10088
 7577328	 4943
 9484799	 1336
 11392255	 545
 13299967	 7
 15269887	 0

 21404

 1071772

■ 2056860

■ 3107228

■ 4092060

■ 5142684

■ 6193052

■ 7177884

■ 8228252

■ 9213340

Harmonies

Analogous

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



24216



21404



6570892

Triad

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



21404



9254693



25144

Complementary

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



21404



10242304

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.



3169811



21404



7882755

Square

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



21404



9710664



5854464



25695

Rectangle

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



21404



8337272



5854464



24876

Sweetspot

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



21404



9416652



40009



4281702



15132390



6710886

Same Dimension

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



21404



28108



1436



4672335



19599



2063

Inverse Universe

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



10223699



13369453



10262272



5195595



9371724



983048

Previews

White Background



This preview shows how the Decimal color 21404 looks on a white background.

Color Contrast Check

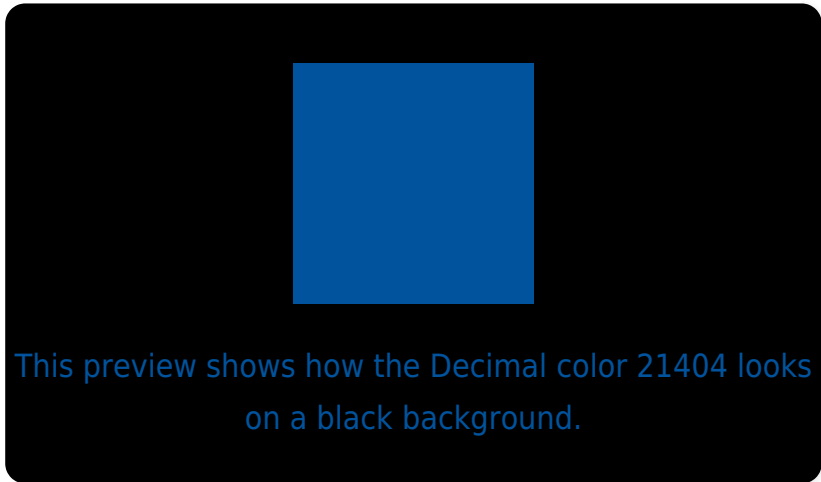
Large Text (above 18pt) WCAG AA ✓ Pass

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

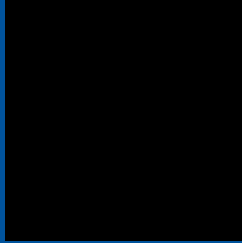
Any Text WCAG AA × Fail

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 21404 Background



This preview shows how black text looks on a background with the Decimal color 21404.



This preview shows how white text looks on a background with the Decimal color 21404.

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
21404

Protanomaly
1921434

Tritanomaly
22903

Monochromacy



Original Color
21404

Achromatopsia
4408131

Achromatomaly
2836835

CSS Examples

Text

The CSS property to change the color of the text to Decimal 21404 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 #00539C looks like.

```
.text, #text, p{  
    color:#00539C  
}
```

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 #00539C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00539C
}
```

Border

The CSS property to change the border of an element to Decimal 21404 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
#00539C }
```

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

```
.border{ border-color:#00539C }
```

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

Here you see how a box with a 4 pixel #00539C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00539C; -webkit-box-shadow:4px 4px  
4px 4px #00539C; box-shadow:4px 4px 4px  
4px #00539C }
```

Background

The CSS property to change the background color of an element to Decimal 21404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00539C }
```

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

```
.background{ background-color:#00539C }
```

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