

Converting Colors

Decimal(3369896)

Have a look what the booklet for
Decimal(3369896) contains.

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Color

Decimal(3369896)

Conversions

Conversions Part 1

Format	Color
Hex	336BA8
RGB	51, 107, 168
RGB Percent	20%, 42%, 66%
CMY	0.8000, 0.5804, 0.3412
CMYK	0.70, 0.36, 0.00, 0.34
HSL	211°, 53%, 43%
HSV	211°, 70%, 66%
XYZ	13.6908, 14.0464, 39.0354
YIQ	97.2100, -52.9570, 7.0990

Conversions

Conversions Part 2

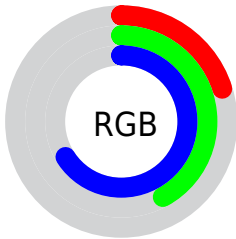
Format	Color
R_{YB}	51, 89, 168
Decimal	3369896
CIE _{Lab}	44.30, 2.19, -38.11
CIE _{LCh}	44, 38.177, 273.287
Yxy	14.0464, 0.2050, 0.2104
Android (android.graphics.Color)	4281559976 (0xFF336BA8)
YUV	97.2100, 34.8995, -40.5262
Hunter-Lab	37.4785, -0.3816, -35.5181

Details

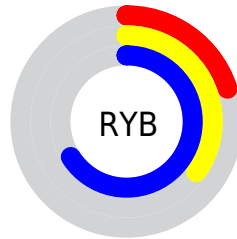
The Decimal color **3369896** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11038771**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **7315168**, and **15475** is the 20% darker color. If you saturate the color by 10%, you get **2253480**, and if you desaturate by 10%, it is **4486312**.

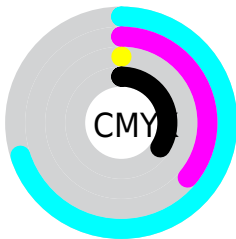
Distribution



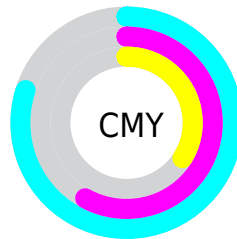
- Red (20%)
- Green (42%)
- Blue (66%)



- Red (20%)
- Yellow (35%)
- Blue (66%)



- Cyan (70%)
- Magenta (36%)
- Yellow (0%)
- Black (34%)



- Cyan (80%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3369896 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 3369896 by changing the saturation by 10% instead.

■ 3369896

■ 3369896

16777215

■ 349069

■ 7315168

■ 15475

■ 9157116

■ 10075

■ 11064575

■ 4675

■ 12972543

■ 812

■ 14876671

■ 278

■ 0

■ 3369896

■ 3369896

■ 2253480

■ 4486312

■ 1137064

■ 5602728

■ 86440

■ 6653352

■ 20648

■ 7769768

■ 8886184

■ 10002600

■ 11118760

■ 12169640

■ 13286056

Harmonies

Analogous

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



29601



3369896



7298974

Triad

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



3369896



10572360



2782795

Complementary

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



3369896



11038771

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.



5730609



3369896



9526576

Square

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



3369896



10702182



7890982



31083

Rectangle

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



3369896



9000847



7890982



3962177

Sweetspot

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



3369896



11387867



3385455



5398382



15592941



7237230

Same Dimension

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



3369896



2325467



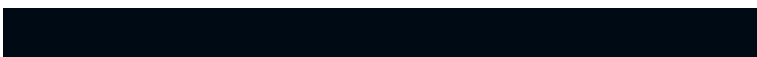
3486632



5001300



18324



2580

Inverse Universe

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



11023211



14361467



10922035



5524560



9699399



1310730

Previews

White Background



This preview shows how the Decimal color 3369896 looks on a white background.

Color Contrast Check

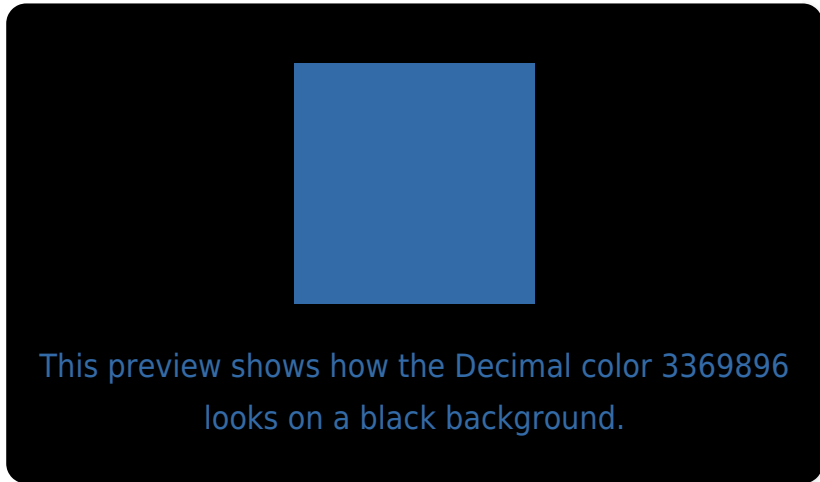
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Decimal 3369896 Background



This preview shows how black text looks on a background with the Decimal color 3369896.



This preview shows how white text looks on a background with the Decimal color 3369896.

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](#).

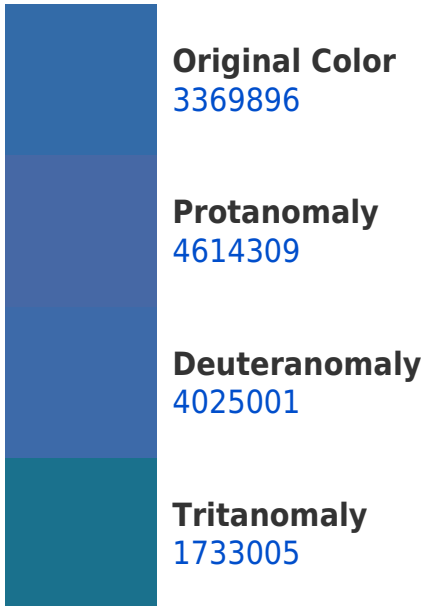
Dichromacy





Tritanopia
816253

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3369896 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 #336BA8 looks like.

```
.text, #text, p{  
    color:#336BA8  
}
```

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 #336BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336BA8
}
```

Border

The CSS property to change the border of an element to Decimal 3369896 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
#336BA8 }
```

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

```
.border{ border-color:#336BA8 }
```

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

Here you see how a box with a 4 pixel #336BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336BA8; -webkit-box-shadow:4px 4px  
4px 4px #336BA8; box-shadow:4px 4px 4px  
4px #336BA8 }
```

Background

The CSS property to change the background color of an element to Decimal 3369896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336BA8 }
```

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

```
.background{ background-color:#336BA8 }
```

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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