

Converting Colors

Decimal(3828688)

Have a look what the booklet for
Decimal(3828688) contains.

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Color

Decimal(3828688)

Conversions

Conversions Part 1

Format	Color
Hex	3A6BD0
RGB	58, 107, 208
RGB Percent	23%, 42%, 82%
CMY	0.7725, 0.5804, 0.1843
CMYK	0.72, 0.49, 0.00, 0.18
HSL	220°, 61%, 52%
HSV	220°, 72%, 82%
XYZ	18.3878, 15.9690, 61.7877
YIQ	103.8630, -61.6250, 21.0230

Conversions

Conversions Part 2

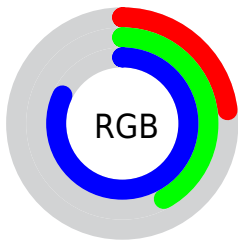
Format	Color
R_{YB}	58, 95, 208
Decimal	3828688
CIE _{Lab}	46.93, 17.91, -57.07
CIE _{LCh}	47, 59.819, 287.424
Yxy	15.9690, 0.1913, 0.1661
Android (android.graphics.Color)	4282018768 (0xFF3A6BD0)
YUV	103.8630, 51.3395, -40.2219
Hunter-Lab	39.9612, 12.2030, -63.7008

Details

The Decimal color **3828688** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **13672250**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8101631**, and **15769** is the 20% darker color. If you saturate the color by 10%, you get **2448848**, and if you desaturate by 10%, it is **5208528**.

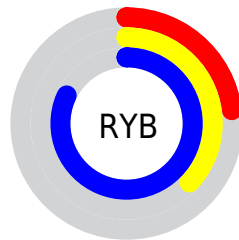
Distribution



Red (23%)

Green (42%)

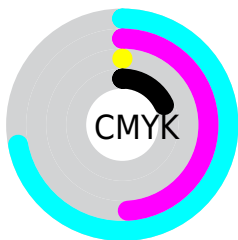
Blue (82%)



Red (23%)

Yellow (37%)

Blue (82%)

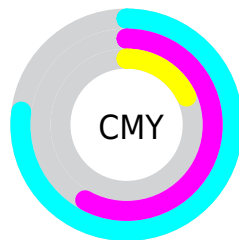


Cyan (72%)

Magenta (49%)

Yellow (0%)

Black (18%)



Cyan (77%)

Magenta (58%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3828688 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 3828688 by changing the saturation by 10% instead.

 3828688

 3828688

16777215

 21428

 8101631

 15769

 10074623

 10366

 12047615

 5733

 14020863

 1612

 15990783

 1076

 542

 0

 3828688

 3828688

■ 2448848

■ 5208528

■ 1069008

■ 6588368

■ 17616

■ 7902672

■ 9282512

■ 10662352

■ 12042192

■ 13422032

■ 14736336

■ 16116176

Harmonies

Analogous

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



31698



3828688



9786292

Triad

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



3828688



12144421



34136

Complementary

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



3828688



13672250

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.



2719780



3828688



9987328

Square

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



3828688



13122132



7042560



34444

Rectangle

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



3828688



11813783



7042560



33606

Sweetspot

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



3828688



13097471



3854494



6187392



0



8421504

Same Dimension

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



3828688



2190079



5454544



6185577



14248



3369

Inverse Universe

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



13646443



16720234



12046394



6905442



11010103



2686989

Previews

White Background



This preview shows how the Decimal color 3828688 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



This preview shows how the Decimal color 3828688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

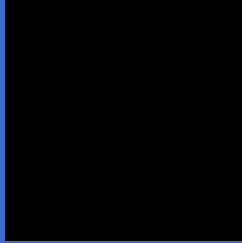
Any Text WCAG AA × Fail

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 3828688 Background



This preview shows how black text looks on a background with the Decimal color 3828688.



This preview shows how white text looks on a background with the Decimal color 3828688.

Color Blindness Simulation

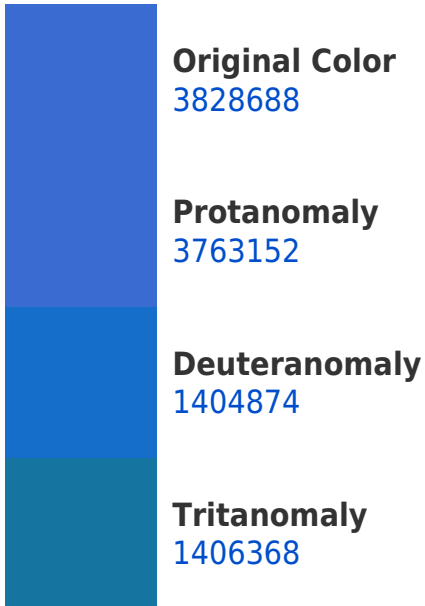
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3828688 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 #3A6BD0 looks like.

```
.text, #text, p{  
    color:#3A6BD0  
}
```

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 #3A6BD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6BD0
}
```

Border

The CSS property to change the border of an element to Decimal 3828688 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
#3A6BD0 }
```

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

```
.border{ border-color:#3A6BD0 }
```

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

Here you see how a box with a 4 pixel #3A6BD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6BD0; -webkit-box-shadow:4px 4px  
4px 4px #3A6BD0; box-shadow:4px 4px 4px  
4px #3A6BD0 }
```

Background

The CSS property to change the background color of an element to Decimal 3828688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6BD0 }
```

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

```
.background{ background-color:#3A6BD0 }
```

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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