

Converting Colors

Decimal(4031170)

Have a look what the booklet for
Decimal(4031170) contains.

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Color

Decimal(4031170)

Conversions

Conversions Part 1

Format	Color
Hex	3D82C2
RGB	61, 130, 194
RGB Percent	24%, 51%, 76%
CMY	0.7608, 0.4902, 0.2392
CMYK	0.69, 0.33, 0.00, 0.24
HSL	209°, 52%, 50%
HSV	209°, 69%, 76%
XYZ	19.6447, 20.8524, 54.0285
YIQ	116.6650, -61.6680, 5.2760

Conversions

Conversions Part 2

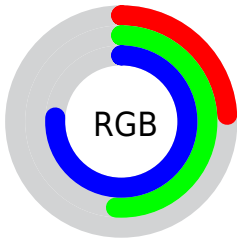
Format	Color
R_{YB}	61, 106, 194
Decimal	4031170
CIE _{Lab}	52.79, -0.87, -39.74
CIE _{LCh}	53, 39.748, 268.739
Yxy	20.8524, 0.2078, 0.2206
Android (android.graphics.Color)	4282221250 (0xFF3D82C2)
YUV	116.6650, 38.1262, -48.8182
Hunter-Lab	45.6644, -3.1226, -38.1846

Details

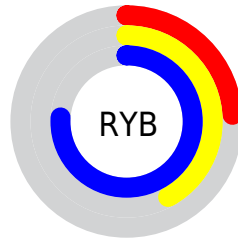
The Decimal color **4031170** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **12746045**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **8042491**, and **20876** is the 20% darker color. If you saturate the color by 10%, you get **2783682**, and if you desaturate by 10%, it is **5278658**.

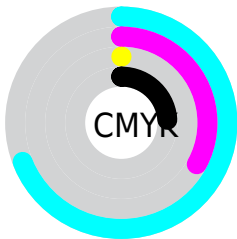
Distribution



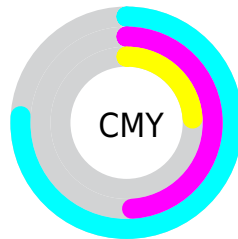
- Red (24%)
- Green (51%)
- Blue (76%)



- Red (24%)
- Yellow (42%)
- Blue (76%)



- Cyan (69%)
- Magenta (33%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4031170 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 4031170 by changing the saturation by 10% instead.

■ 4031170

■ 4031170

16777215

■ 1206695

■ 8042491

■ 20876

■ 10015487

■ 15218

■ 11923199

■ 9561

■ 13828095

■ 4161

■ 15794175

■ 811

■ 277

■ 0

■ 4031170

■ 4031170

■ 2783682

■ 5278658

■ 1470402

■ 6591938

■ 222914

■ 7839426

■ 26050

■ 9152450

■ 10400194

■ 11647682

■ 12960706

■ 14208450

■ 15521474

Harmonies

Analogous

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



35768



4031170



8287930

Triad

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



4031170



12411999



4623449

Complementary

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



4031170



12746045

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.



7439936



4031170



11431748

Square

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



4031170



12345729



9731128



36731

Rectangle

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



4031170



10186155



9731128



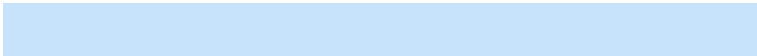
5671503

Sweetspot

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



4031170



13100028



4047483



6320256



0



8421504

Same Dimension

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



4031170



2988540



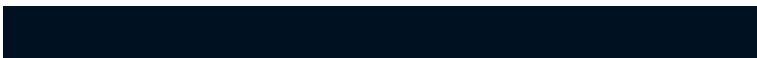
4014530



5725281



21409



4385

Inverse Universe

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



12729730



16526745



12762685



6379356



10551379



2162705

Previews

White Background



This preview shows how the Decimal color 4031170 looks on a white 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

Black Background



This preview shows how the Decimal color 4031170 looks on a black 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

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

Decimal 4031170 Background



This preview shows how black text looks on a background with the Decimal color 4031170.




This preview shows how white text looks on a background with the Decimal color 4031170.

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](#).

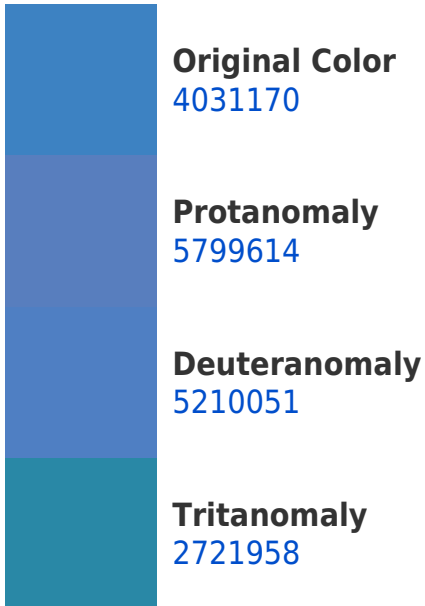
Dichromacy





Tritanopia
1936278

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4031170 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 #3D82C2 looks like.

```
.text, #text, p{  
  color:#3D82C2  
}
```

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 #3D82C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D82C2
}
```

Border

The CSS property to change the border of an element to Decimal 4031170 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
#3D82C2 }
```

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

```
.border{ border-color:#3D82C2 }
```

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

Here you see how a box with a 4 pixel #3D82C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D82C2; -webkit-box-shadow:4px 4px  
4px 4px #3D82C2; box-shadow:4px 4px 4px  
4px #3D82C2 }
```

Background

The CSS property to change the background color of an element to Decimal 4031170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D82C2 }
```

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

```
.background{ background-color:#3D82C2 }
```

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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