

Converting Colors

Decimal(4089520)

Have a look what the booklet for
Decimal(4089520) contains.

Decimal(4089520)	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(4089520)

Conversions

Conversions Part 1

Format	Color
Hex	3E66B0
RGB	62, 102, 176
RGB Percent	24%, 40%, 69%
CMY	0.7569, 0.6000, 0.3098
CMYK	0.65, 0.42, 0.00, 0.31
HSL	219°, 48%, 47%
HSV	219°, 65%, 69%
XYZ	14.5745, 13.6615, 42.9431
YIQ	98.4760, -47.5940, 14.5340

Conversions

Conversions Part 2

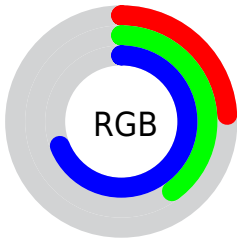
Format	Color
R _Y B	62, 92, 176
Decimal	4089520
CIE Lab	43.74, 10.11, -43.66
CIE LCh	44, 44.818, 283.033
Yxy	13.6615, 0.2048, 0.1919
Android (android.graphics.Color)	4282279600 (0xFF3E66B0)
YUV	98.4760, 38.2193, -31.9895
Hunter-Lab	36.9614, 5.7028, -43.0122

Details

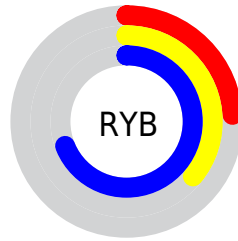
The Decimal color **4089520** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11569214**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **7903720**, and **14459** is the 20% darker color. If you saturate the color by 10%, you get **2907056**, and if you desaturate by 10%, it is **5271984**.

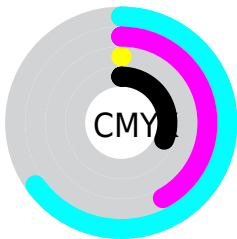
Distribution



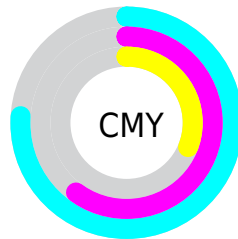
- Red (24%)
- Green (40%)
- Blue (69%)



- Red (24%)
- Yellow (36%)
- Blue (69%)



- Cyan (65%)
- Magenta (42%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4089520 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 4089520 by changing the saturation by 10% instead.

■ 4089520

■ 4089520

16777215

■ 1724053

■ 7903720

■ 14459

■ 9810943

■ 9057

■ 11653119

■ 3657

■ 13560831

■ 1074

■ 15532031

■ 540

■ 0

■ 4089520

■ 4089520

■ 2907056

■ 5271984

■ 1789872

■ 6389168

■ 607408

■ 7571632

■ 16048

■ 8688816

■ 9871280

■ 11054000

■ 12170928

■ 13353392

■ 14470576

Harmonies

Analogous

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



29102



4089520



8279966

Triad

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



4089520



10702646



30800

Complementary

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



4089520



11569214

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.



4354862



4089520



9199132

Square

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



4089520



11224409



7105303



31095

Rectangle

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



4089520



9915530



7105303



1144644

Sweetspot

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



4089520



12241382



4108422



5792371



15921906



7566195

Same Dimension

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



4089520



3305958



5062320



5264217



13977



2330

Inverse Universe

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



11550310



15086193



10596414



5853267



10027062



1703945

Previews

White Background



This preview shows how the Decimal color 4089520 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 4089520 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 4089520 Background



This preview shows how black text looks on a background with the Decimal color 4089520.




This preview shows how white text looks on a background with the Decimal color 4089520.

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
1995387

Trichromacy



Original Color
4089520

Protanomaly
4482479

Deuteranomaly
3565488

Tritanomaly
2780814

Monochromacy



Original Color
4089520

Achromatopsia
6447714

Achromatomaly
5596030

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4089520 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 #3E66B0 looks like.

```
.text, #text, p{  
    color:#3E66B0  
}
```

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 #3E66B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E66B0
}
```

Border

The CSS property to change the border of an element to Decimal 4089520 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
#3E66B0 }
```

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

```
.border{ border-color:#3E66B0 }
```

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

Here you see how a box with a 4 pixel #3E66B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E66B0; -webkit-box-shadow:4px 4px  
4px 4px #3E66B0; box-shadow:4px 4px 4px  
4px #3E66B0 }
```

Background

The CSS property to change the background color of an element to Decimal 4089520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E66B0 }
```

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

```
.background{ background-color:#3E66B0 }
```

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