

Converting Colors

Decimal(5204384)

Have a look what the booklet for
Decimal(5204384) contains.

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Color

Decimal(5204384)

Conversions

Conversions Part 1

Format	Color
Hex	4F69A0
RGB	79, 105, 160
RGB Percent	31%, 41%, 63%
CMY	0.6902, 0.5882, 0.3725
CMYK	0.51, 0.34, 0.00, 0.37
HSL	221°, 34%, 47%
HSV	221°, 51%, 63%
XYZ	14.6212, 14.3035, 35.2479
YIQ	103.4960, -33.1510, 11.5930

Conversions

Conversions Part 2

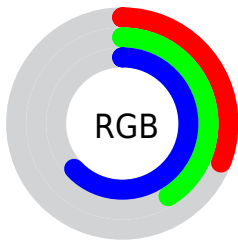
Format	Color
R_{YB}	79, 99, 160
Decimal	5204384
CIE _{Lab}	44.67, 6.42, -32.73
CIE _{LCh}	45, 33.355, 281.097
Yxy	14.3035, 0.2278, 0.2229
Android (android.graphics.Color)	4283394464 (0xFF4F69A0)
YUV	103.4960, 27.8565, -21.4830
Hunter-Lab	37.8199, 2.8232, -28.7839

Details

The Decimal color **5204384** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10520143**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **8756439**, and **1456748** is the 20% darker color. If you saturate the color by 10%, you get **4152992**, and if you desaturate by 10%, it is **6255776**.

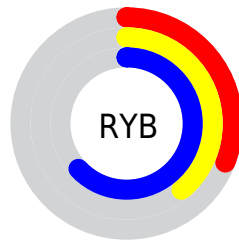
Distribution



Red (31%)

Green (41%)

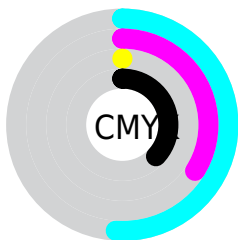
Blue (63%)



Red (31%)

Yellow (39%)

Blue (63%)

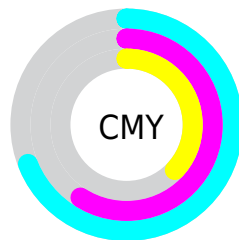


Cyan (51%)

Magenta (34%)

Yellow (0%)

Black (37%)



Cyan (69%)

Magenta (59%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5204384 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 5204384 by changing the saturation by 10% instead.

■ 5204384

■ 5204384

16777215

■ 3428742

■ 8756439

■ 1456748

■ 10532852

■ 9556

■ 12374783

■ 4156

■ 14282751

■ 550

■ 16187391

■ 271

■ 0

■ 5204384

■ 5204384

■ 4152992

■ 6255776

■ 3101600

■ 7307168

■ 2050208

■ 8358560

■ 999072

■ 9409696

■ 13216

■ 10461088

■ 11512480

■ 12563872

■ 13615264

■ 14666656

Harmonies

Analogous

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



29086



5204384



7954068

Triad

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



5204384



10115142



2848599

Complementary

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



5204384



10520143

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.



5403198



5204384



9003573

Square

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



5204384



10376032



7433009



30835

Rectangle

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



5204384



9263237



7433009



3831374

Sweetspot

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



5204384



11713745



5218437



5659753



15263976



6908265

Same Dimension

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



5204384



5405393



6049696



4672079



11919



1295

Inverse Universe

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



10506089



13718138



9674831



5195594



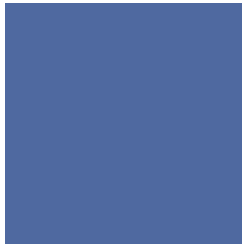
9371694



983045

Previews

White Background



This preview shows how the Decimal color 5204384 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 5204384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

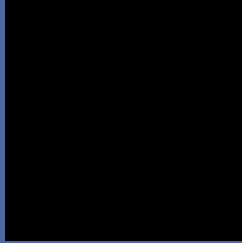
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

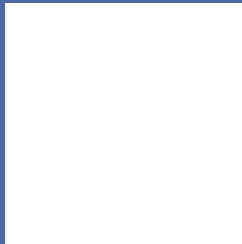
Any Text WCAG AAA × Fail

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

Decimal 5204384 Background



This preview shows how black text looks on a background with the Decimal color 5204384.



This preview shows how white text looks on a background with the Decimal color 5204384.

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



Original Color
5204384

Protanopia
5662879

Deuteranopia
5204384



Tritanopia
4419962

Trichromacy



Original Color
5204384

Protanomaly
5466271

Deuteranomaly
5204384

Tritanomaly
4681352

Monochromacy



Original Color
5204384

Achromatopsia
6776679

Achromatomaly
6187132

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5204384 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 #4F69A0 looks like.

```
.text, #text, p{  
    color:#4F69A0  
}
```

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 #4F69A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F69A0
}
```

Border

The CSS property to change the border of an element to Decimal 5204384 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
#4F69A0 }
```

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

```
.border{ border-color:#4F69A0 }
```

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

Here you see how a box with a 4 pixel #4F69A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F69A0; -webkit-box-shadow:4px 4px  
4px 4px #4F69A0; box-shadow:4px 4px 4px  
4px #4F69A0 }
```

Background

The CSS property to change the background color of an element to Decimal 5204384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F69A0 }
```

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

```
.background{ background-color:#4F69A0 }
```

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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