

Converting Colors

Decimal(5202564)

Have a look what the booklet for
Decimal(5202564) contains.

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Color

Decimal(5202564)

Conversions

Conversions Part 1

Format	Color
Hex	4F6284
RGB	79, 98, 132
RGB Percent	31%, 38%, 52%
CMY	0.6902, 0.6157, 0.4824
CMYK	0.40, 0.26, 0.00, 0.48
HSL	218°, 25%, 41%
HSV	218°, 40%, 52%
XYZ	11.7570, 12.0636, 23.5386
YIQ	96.1950, -22.2380, 6.5460

Conversions

Conversions Part 2

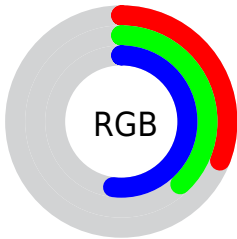
Format	Color
R_{YB}	79, 93, 132
Decimal	5202564
CIE _{Lab}	41.32, 2.07, -21.21
CIE _{LCh}	41, 21.312, 275.579
Yxy	12.0636, 0.2483, 0.2547
Android (android.graphics.Color)	4283392644 (0xFF4F6284)
YUV	96.1950, 17.6519, -15.0800
Hunter-Lab	34.7327, -0.3600, -15.8685

Details

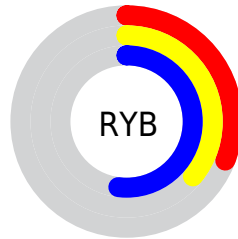
The Decimal color **5202564** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8679759**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8558009**, and **1979474** is the 20% darker color. If you saturate the color by 10%, you get **4348548**, and if you desaturate by 10%, it is **6056580**.

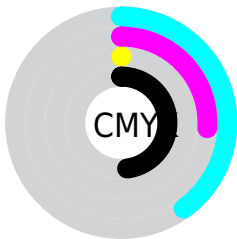
Distribution



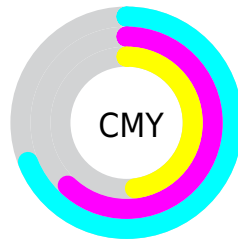
- Red (31%)
- Green (38%)
- Blue (52%)



- Red (31%)
- Yellow (36%)
- Blue (52%)



- Cyan (40%)
- Magenta (26%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5202564 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 5202564 by changing the saturation by 10% instead.

■ 5202564

■ 5202564

16777215

■ 3557995

■ 8558009

■ 1979474

■ 10334165

■ 139067

■ 12110577

■ 1318

■ 13953023

■ 271

■ 15859711

■ 0

■ 5202564

■ 5202564

■ 4348548

■ 6056580

■ 3494276

■ 6910852

■ 2574724

■ 7830404

■ 1720452

■ 8684676

■ 866436

■ 9538692

■ 12164

■ 10392964

■ 11246980

■ 12166788

■ 13020804

Harmonies

Analogous

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



3499905



5202564



6839422

Triad

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



5202564



8607310



4418130

Complementary

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



5202564



8679759

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.



5727813



5202564



8018754

Square

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



5202564



8606815



6971710



3107684

Rectangle

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



5202564



7690357



6971710



4876621

Sweetspot

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



5202564



9871019



5211249



4935511



14079702



5723991

Same Dimension

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



5202564



5863083



5656452



3948098



12162



259

Inverse Universe

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



8671074



11229558



8225871



4340798



8519727



196609

Previews

White Background



This preview shows how the Decimal color 5202564 looks on a white background.

Color Contrast Check

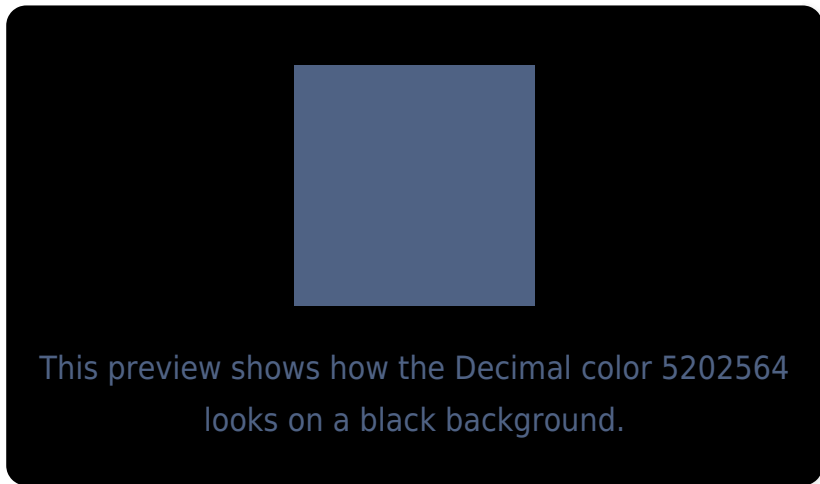
Large Text (above 18pt) WCAG AA ✓ Pass

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

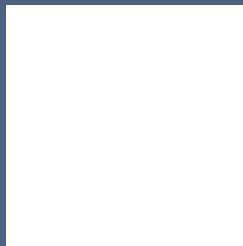
Any Text WCAG AAA × Fail

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

Decimal 5202564 Background



This preview shows how black text looks on a background with the Decimal color 5202564.

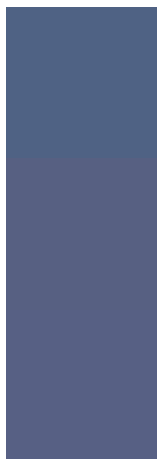


This preview shows how white text looks on a background with the Decimal color 5202564.

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


5202564

Protanopia

5726338

Deuteranopia

5726340



Tritanopia
4810350

Trichromacy



Original Color
5202564

Protanomaly
5529987

Deuteranomaly
5529988

Tritanomaly
4941174

Monochromacy



Original Color
5202564

Achromatopsia
6316128

Achromatomaly
5923181

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5202564 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 #4F6284 looks like.

```
.text, #text, p{  
    color:#4F6284  
}
```

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 #4F6284 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6284
}
```

Border

The CSS property to change the border of an element to Decimal 5202564 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
#4F6284 }
```

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

```
.border{ border-color:#4F6284 }
```

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

Here you see how a box with a 4 pixel #4F6284 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6284; -webkit-box-shadow:4px 4px  
4px 4px #4F6284; box-shadow:4px 4px 4px  
4px #4F6284 }
```

Background

The CSS property to change the background color of an element to Decimal 5202564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6284 }
```

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

```
.background{ background-color:#4F6284 }
```

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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