

Converting Colors

Decimal(6309510)

Have a look what the booklet for
Decimal(6309510) contains.

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Color

Decimal(6309510)

Conversions

Conversions Part 1

Format	Color
Hex	604686
RGB	96, 70, 134
RGB Percent	38%, 27%, 53%
CMY	0.6235, 0.7255, 0.4745
CMYK	0.28, 0.48, 0.00, 0.47
HSL	264°, 31%, 40%
HSV	264°, 48%, 53%
XYZ	11.3171, 8.5883, 23.6155
YIQ	85.0700, -5.0480, 25.4160

Conversions

Conversions Part 2

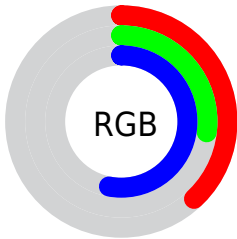
Format	Color
R_{YB}	96, 70, 134
Decimal	6309510
CIE _{Lab}	35.18, 25.38, -31.92
CIE _{LCh}	35, 40.784, 308.486
Yxy	8.5883, 0.2600, 0.1973
Android (android.graphics.Color)	4284499590 (0xFF604686)
YUV	85.0700, 24.1225, 9.5856
Hunter-Lab	29.3059, 17.6464, -27.2634

Details

The Decimal color **6309510** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **7112262**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9729980**, and **3086676** is the 20% darker color. If you saturate the color by 10%, you get **5781894**, and if you desaturate by 10%, it is **6837126**.

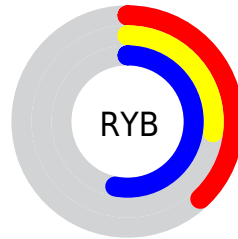
Distribution



Red (38%)

Green (27%)

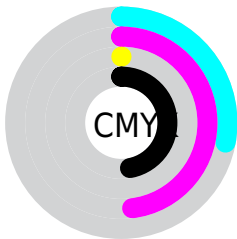
Blue (53%)



Red (38%)

Yellow (27%)

Blue (53%)

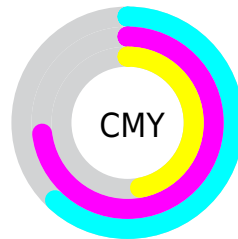


Cyan (28%)

Magenta (48%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6309510 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 6309510 by changing the saturation by 10% instead.

■ 6309510

■ 6309510

16777215

■ 4665196

■ 9729980

■ 3086676

■ 11506135

■ 1508156

■ 13347828

■ 38

■ 15255551

■ 271

■ 16770047

■ 0

■ 6309510

■ 6309510

■ 5781894

■ 6837126

■ 5254022

■ 7364998

■ 4726406

■ 7892614

■ 4198534

■ 8420486

■ 3670918

■ 8948102

■ 3539078

■ 9475718

■ 10003590

■ 10531206

■ 11059078

Harmonies

Analogous

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



1725331



6309510



8468587

Triad

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



6309510



7751699



25179

Complementary

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



6309510



7112262

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.



24890



6309510



5985288

Square

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



6309510



8928044



3693596



24955

Rectangle

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



6309510



9122646



3693596



25168

Sweetspot

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



6309510



10458541



4615302



5130327



14079702



5723991

Same Dimension

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



6309510



7556013



8406662



4078658



3473538



65539

Inverse Universe

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



8799852



11357061



5015110



4340800



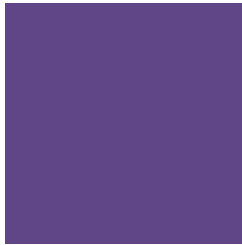
8519757



196610

Previews

White Background



This preview shows how the Decimal color 6309510 looks on a white background.

Color Contrast Check

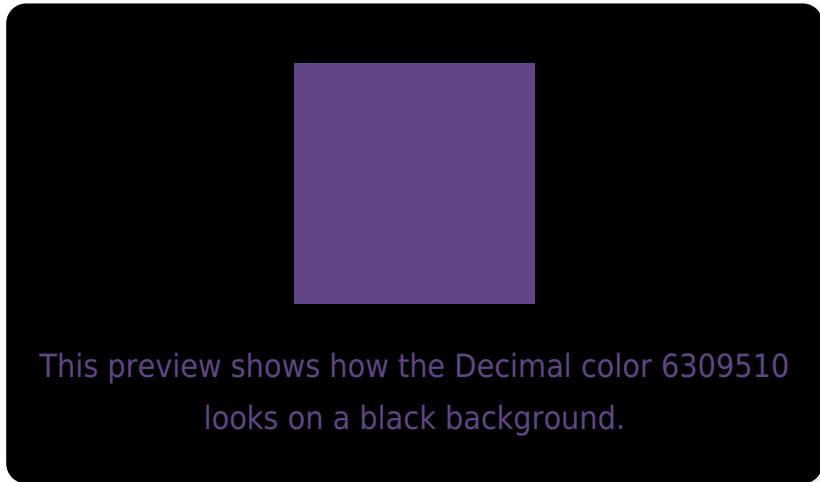
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

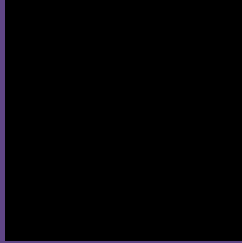
Any Text WCAG AA × Fail

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 6309510 Background



This preview shows how black text looks on a background with the Decimal color 6309510.



This preview shows how white text looks on a background with the Decimal color 6309510.

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
5722455

Trichromacy



Original Color
6309510

Protanomaly
4607372

Deuteranomaly
4673156

Tritanomaly
5918056

Monochromacy



Original Color
6309510

Achromatopsia
5592405

Achromatomaly
5853287

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6309510 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 #604686 looks like.

```
.text, #text, p{  
    color:#604686  
}
```

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 #604686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604686
}
```

Border

The CSS property to change the border of an element to Decimal 6309510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

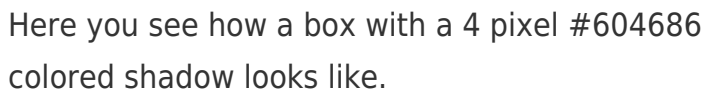
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604686 }
```

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

```
.border{ border-color:#604686 }
```

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



Here you see how a box with a 4 pixel #604686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604686; -webkit-box-shadow:4px 4px  
4px 4px #604686; box-shadow:4px 4px 4px  
4px #604686 }
```

Background

The CSS property to change the background color of an element to Decimal 6309510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604686 }
```

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

```
.background{ background-color:#604686 }
```

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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