

Converting Colors

Decimal(6311604)

Have a look what the booklet for
Decimal(6311604) contains.

Decimal(6311604)	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(6311604)

Conversions

Conversions Part 1

Format	Color
Hex	604EB4
RGB	96, 78, 180
RGB Percent	38%, 31%, 71%
CMY	0.6235, 0.6941, 0.2941
CMYK	0.47, 0.57, 0.00, 0.29
HSL	251°, 40%, 51%
HSV	251°, 57%, 71%
XYZ	15.7865, 11.2309, 44.5158
YIQ	95.0100, -22.0140, 35.5380

Conversions

Conversions Part 2

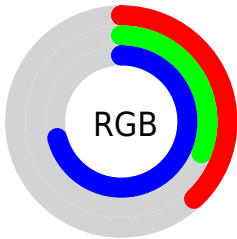
Format	Color
R_{YB}	96, 78, 180
Decimal	6311604
CIE _{Lab}	39.97, 33.61, -51.94
CIE _{LCh}	40, 61.869, 302.903
Yxy	11.2309, 0.2207, 0.1570
Android (android.graphics.Color)	4284501684 (0xFF604EB4)
YUV	95.0100, 41.9001, 0.8682
Hunter-Lab	33.5125, 25.4379, -55.2982

Details

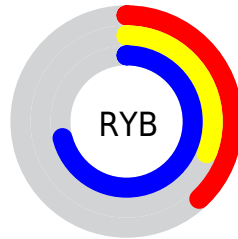
The Decimal color **6311604** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10662990**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **9994477**, and **2498686** is the 20% darker color. If you saturate the color by 10%, you get **5323956**, and if you desaturate by 10%, it is **7299252**.

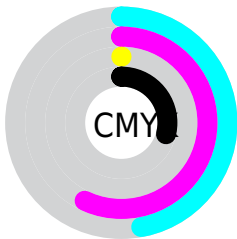
Distribution



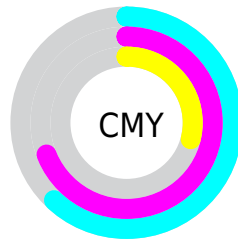
- Red (38%)
- Green (31%)
- Blue (71%)



- Red (38%)
- Yellow (31%)
- Blue (71%)



- Cyan (47%)
- Magenta (57%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6311604 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 6311604 by changing the saturation by 10% instead.

■ 6311604

■ 6311604

16777215

■ 4470681

■ 9994477

■ 2498686

■ 11836159

■ 2917

■ 13743615

■ 76

■ 15651327

■ 1076

■ 16772607

■ 542

■ 0

■ 6311604

■ 6311604

■ 5323956

■ 7299252

■ 4336308

■ 8286900

■ 3414196

■ 9209012

■ 2426548

■ 10196660

■ 2097332

■ 11184308

■ 12171956

■ 13159604

■ 14147252

■ 15069364

Harmonies

Analogous

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



25540



6311604



10301581

Triad

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



6311604



9849088



29794

Complementary

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



6311604



10662990

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.



28972



6311604



7298560

Square

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



6311604



11545898



3828224



29844

Rectangle

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



6311604



11542124



3828224



29520

Sweetspot

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



6311604



13288427



5153716



6446709



16119285



7697781

Same Dimension

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



6311604



6769643



9588404



5394521



1769625



262170

Inverse Universe

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



11816610



15420366



7386190



5853272



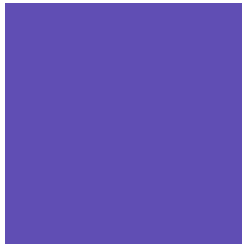
10027134



1703957

Previews

White Background



This preview shows how the Decimal color 6311604 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 6311604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

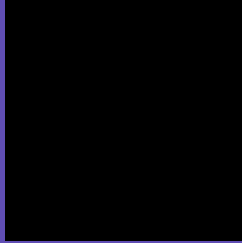
Any Text WCAG AA × Fail

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 6311604 Background



This preview shows how black text looks on a background with the Decimal color 6311604.



This preview shows how white text looks on a background with the Decimal color 6311604.

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



Trichromacy



Original Color
6311604



Protanomaly
2315964



Deuteranomaly
2316717



Tritanomaly
5462917

Monochromacy



Original Color
6311604



Achromatopsia
6250335



Achromatomaly
6248830

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6311604 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 #604EB4 looks like.

```
.text, #text, p{  
    color:#604EB4  
}
```

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 #604EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604EB4
}
```

Border

The CSS property to change the border of an element to Decimal 6311604 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
#604EB4 }
```

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

```
.border{ border-color:#604EB4 }
```

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

Here you see how a box with a 4 pixel #604EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604EB4; -webkit-box-shadow:4px 4px  
4px 4px #604EB4; box-shadow:4px 4px 4px  
4px #604EB4 }
```

Background

The CSS property to change the background color of an element to Decimal 6311604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604EB4 }
```

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

```
.background{ background-color:#604EB4 }
```

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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