

Converting Colors

HunterLab(33.4959, 23.4468,
-40.2838)

Have a look what the booklet for
HunterLab(33.4959, 23.4468,
-40.2838) contains.

HunterLab(33.4947, 23.4470, -40.2860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.4947, 23.4470,
-40.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4EA3
RGB	107, 78, 163
RGB Percent	42%, 31%, 64%
CMY	0.5804, 0.6941, 0.3608
CMYK	0.34, 0.52, 0.00, 0.36
HSL	260°, 35%, 47%
HSV	260°, 52%, 64%
XYZ	15.3987, 11.2189, 36.0043
YIQ	96.3610, -10.0010, 32.5830

Conversions

Conversions Part 2

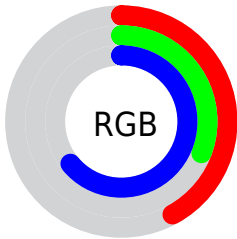
Format	Color
R_{YB}	107, 78, 163
Decimal	7032483
CIE _{Lab}	39.95, 31.42, -41.84
CIE _{LCh}	40, 52.327, 306.908
Yxy	11.2194, 0.2459, 0.1792
Android (android.graphics.Color)	4285222563 (0xFF6B4EA3)
YUV	96.3610, 32.8530, 9.3304
Hunter-Lab	33.4947, 23.4470, -40.2860

Details

The HunterLab color **33.4947, 23.4470, -40.2860** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **56.4030, -21.7898, 26.7968**, and the grayscale version is **34.2203, -1.8259, 1.8593**.

A 20% lighter version of the original color is **52.9881, 25.4173, -41.1223**, and **17.3001, 20.9147, -40.5141** is the 20% darker color. If you saturate the color by 10%, you get **29.2547, 29.1562, -51.6886**, and if you desaturate by 10%, it is **38.1274, 17.9057, -30.0759**.

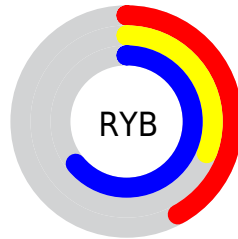
Distribution



Red (42%)

Green (31%)

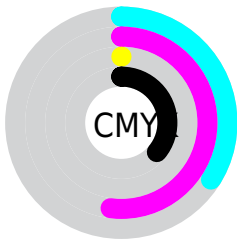
Blue (64%)



Red (42%)

Yellow (31%)

Blue (64%)

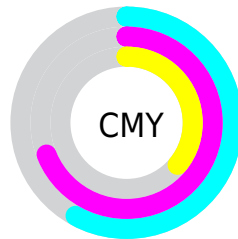


Cyan (34%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4947, 23.4470, -40.2860 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 HunterLab color 33.4947, 23.4470, -40.2860 by changing the saturation by 10% instead.

33.4947, 23.4470,
-40.2860

33.4947, 23.4470,
-40.2860

141.1263, 30.1651,
-45.7406

24.9291, 22.1641,
-39.9820

52.9765, 25.6178,
-41.4918

17.2511, 20.7414,
-40.2688

63.7768, 26.5299,
-42.1783

10.5793, 19.2128,
-42.0961

75.2252, 27.3410,
-42.8599

0.0000, INF, -NF

0.0000, NaN, -NF

87.2869, 28.0607,
-43.5167

0.0000, NaN, -NF

99.9321, 28.6966,
-44.1378

0.0000, NaN, NaN

113.1351, 29.2556,

0.0000, NaN, NaN

-44.7172

0.0000, NaN, NaN

126.8732, 29.7435,
-45.2519

■ 33.4947, 23.4470,
-40.2860

■ 33.4947, 23.4470,
-40.2860

■ 29.2547, 29.1562,
-51.6886

■ 38.1274, 17.9057,
-30.0759

■ 25.5106, 34.8356,
-64.2032

■ 43.0733, 12.5864,
-20.9344

■ 22.3950, 40.0181,
-77.2361

■ 48.2759, 7.4800,
-12.6778

■ 20.0469, 43.8959,
-89.3604

■ 53.6935, 2.5560,
-5.1318

■ 18.6388, 46.1065,
-97.9313

■ 59.2952, -2.2202,
1.8509

■ 65.0571, -6.8801,
8.3885

■ 70.9610, -11.4506,
14.5738

■ 76.9925, -15.9536,
20.4795

■ 83.1396, -20.4068,
26.1623

Harmonies

Analogous

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



33.4953, 2.7774, -55.3023



33.4947, 23.4470, -40.2860



33.4953, 39.4839, -15.1235

Triad

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



33.4953, 23.4469, -40.2849



33.4953, 13.9898, 20.7276



33.4953, -31.1705, -2.6914

Complementary

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



33.4947, 23.4470, -40.2860



56.4030, -21.7898, 26.7968

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.



33.4953, -29.4775, 12.8969



33.4947, 23.4470, -40.2860



33.4953, -6.1232, 21.3218

Square

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



33.4953, 23.4469, -40.2849



33.4953, 33.2195, 16.8192



33.4953, -21.2353, 19.5209



33.4953, -26.5332, -26.9416

Rectangle

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



33.4947, 23.4470, -40.2860



33.4953, 43.7317, -0.1310



33.4953, -21.2353, 19.5209



33.4953, -31.3024, 3.6664

Sweetspot

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



33.4953, 23.4469, -40.2849



68.8142, 6.1289, -10.9571



46.3675, -10.4223, -15.9186



31.9426, 3.5132, -6.1256



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



33.4953, 23.4469, -40.2849



38.0780, 40.5722, -72.4516



38.0360, 35.2716, -29.9578



26.4044, 0.5575, -1.4660



16.5013, 40.7131, -85.8791



2.8720, 6.4219, -9.7995

Inverse Universe

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



38.6741, 34.4703, -10.1428



47.1137, 56.5751, -15.4728



53.8783, -31.6610, 24.7132



26.7599, 1.6052, 0.2058



26.2520, 48.1573, -7.8420



3.9130, 7.3646, -2.6141

Previews

White Background



This preview shows how the HunterLab color 33.4947, 23.4470, -40.2860 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 HunterLab color 33.4947, 23.4470, -40.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

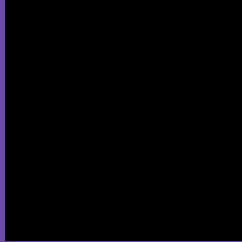
Any Text WCAG AA × Fail

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](#).

HunterLab 33.4947, 23.4470, -40.2860 Background



This preview shows how black text looks on a background with the HunterLab color 33.4947, 23.4470, -40.2860.



This preview shows how white text looks on a background with the HunterLab color 33.4947, 23.4470, -40.2860.

-40.2860.

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

33.4947, 23.4470, -40.2860

Protanopia

33.5704, 9.5466, -51.6898

Deuteranopia

33.6393, 2.5206, -37.0399



Tritanopia

33.3886, -0.2672, -1.2938

Trichromacy



Original Color

33.4947, 23.4470, -40.2860

Protanomaly

33.0120, 13.6260, -48.6165

Deuteranomaly

33.0878, 8.8389, -39.0511

Tritanomaly

33.2976, 7.5236, -13.3044

Monochromacy



Original Color

33.4947, 23.4470, -40.2860

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.4816, 6.5454, -10.7206

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4947, 23.4470, -40.2860 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 `rgb(107, 78, 163)` looks like.

```
.text, #text, p{  
    color:rgb(107, 78, 163)  
}
```

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 rgb(107, 78, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 78, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4947, 23.4470, -40.2860 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 rgb(107, 78, 163) }
```


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

```
.border{ border-color:rgb(107, 78, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 78, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 78, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 78, 163);  
box-shadow:4px 4px 4px 4px rgb(107, 78,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4947, 23.4470, -40.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 78, 163) }
```

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

```
.background{ background-color: rgb(107, 78,  
163) }
```

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