

Converting Colors

HunterLab(37.4001, 23.2836,
21.1928)

Have a look what the booklet for
HunterLab(37.4001, 23.2836,
21.1928) contains.

HunterLab(37.4659, 23.0593, 21.2130)	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(37.4659, 23.0593,
21.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	A45221
RGB	164, 82, 33
RGB Percent	64%, 32%, 13%
CMY	0.3569, 0.6784, 0.8706
CMYK	0.00, 0.50, 0.80, 0.36
HSL	22°, 66%, 39%
HSV	22°, 80%, 64%
XYZ	18.6017, 14.0369, 3.1678
YIQ	100.9320, 64.6010, 2.1450

Conversions

Conversions Part 2

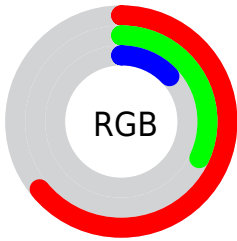
Format	Color
RYB	164, 111, 33
Decimal	10768929
CIELab	44.29, 30.44, 42.43
CIElCh	44, 52.219, 54.343
Yxy	14.0377, 0.5195, 0.3920
Android (android.graphics.Color)	4288959009 (0xFFA45221)
YUV	100.9320, -33.4905, 55.3106
Hunter-Lab	37.4659, 23.0593, 21.2130

Details

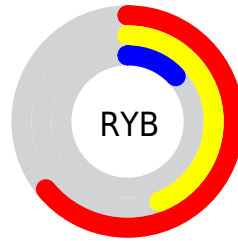
The HunterLab color **37.4659, 23.0593, 21.2130** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **39.0694, -6.8833, -29.3453**, and the grayscale version is **36.1547, -1.9291, 1.9644**.

A 20% lighter version of the original color is **57.6337, 24.9261, 27.9417**, and **20.5140, 20.7978, 13.0047** is the 20% darker color. If you saturate the color by 10%, you get **35.4019, 27.3346, 21.4320**, and if you desaturate by 10%, it is **39.7730, 18.9149, 20.4409**.

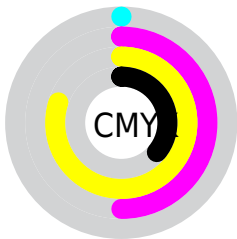
Distribution



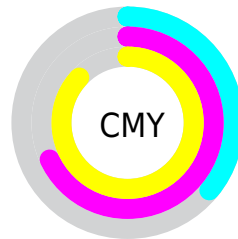
- Red (64%)
- Green (32%)
- Blue (13%)



- Red (64%)
- Yellow (44%)
- Blue (13%)



- Cyan (0%)
- Magenta (50%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4659, 23.0593, 21.2130 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 37.4659, 23.0593, 21.2130 by changing the saturation by 10% instead.

37.4659, 23.0593,
21.2130

37.4659, 23.0593,
21.2130

147.4670, 29.0772,
47.5528

28.5428, 21.8770,
17.5265

57.5812, 25.0378,
27.9090

20.4673, 20.5562,
14.3271

68.6674, 25.8641,
31.0031

13.3412, 19.0998,
9.3389

80.3859, 26.5948,
33.9703

6.8891, 20.2195,
4.8223

92.7042, 27.2387,
36.8334

0.0000, INF, NaN

0.0000, NaN, NaN

105.5944, 27.8031,
39.6103

0.0000, NaN, NaN

119.0322, 28.2942,

0.0000, NaN, NaN

42.3153

0.0000, NaN, NaN

132.9961, 28.7174,
44.9597

37.4659, 23.0593,
21.2130

37.4659, 23.0593,
21.2130

35.4019, 27.3346,
21.4320

39.7730, 18.9149,
20.4409

33.5878, 31.5939,
21.2395

42.2988, 14.9828,
19.1448

33.5669, 31.6447,
21.2377

45.0228, 11.3002,
17.3754

47.9249, 7.8827,
15.1886

50.9864, 4.7294,
12.6386

■ 54.1907, 1.8293,
9.7744

■ 57.5236, -0.8341,
6.6387

■ 60.9722, -3.2799,
3.2676

■ 64.5258, -5.5278,
-0.3084

Harmonies

Analogous

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



37.4669, 39.6955, 14.1687



37.4659, 23.0593, 21.2130



37.4669, 1.8518, 23.2022

Triad

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



37.4669, 23.0566, 21.2135



37.4669, -33.0181, 5.4580



37.4669, 15.1390, -48.6951

Complementary

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



37.4659, 23.0593, 21.2130



39.0694, -6.8833, -29.3453

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.



37.4669, -5.7045, -55.3947



37.4659, 23.0593, 21.2130



37.4669, -30.9132, -16.3129

Square

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



37.4669, 23.0566, 21.2135



37.4669, -28.3305, 17.6739



37.4669, -21.8253, -41.3154



37.4669, 34.4960, -26.0416

Rectangle

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



37.4659, 23.0593, 21.2130



37.4669, -11.0294, 22.9561



37.4669, -21.8253, -41.3154



37.4669, 7.9722, -53.2569

Sweetspot

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



37.4669, 23.0566, 21.2135



71.0129, 4.2109, 14.9829



32.0007, 50.0037, -10.0006



32.5239, 2.5936, 7.6084



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.



37.4669, 23.0566, 21.2135



45.7379, 41.4260, 28.5898



53.5956, -7.3805, 31.3043



27.3859, -0.4698, 3.0540



29.5377, 27.3255, 18.6793



5.2164, 1.7917, 3.2457

Inverse Universe

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



39.0694, -6.8833, -29.3453



47.8443, -4.4263, -49.5997



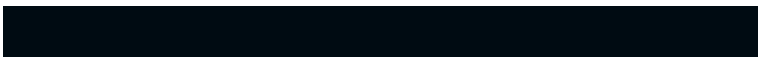
23.0762, 25.2793, -75.5767



27.5023, -2.3564, -0.1321



30.8763, -2.7143, -32.7334



5.3527, -1.7098, -2.9995

Previews

White Background



This preview shows how the HunterLab color 37.4659, 23.0593, 21.2130 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 37.4659, 23.0593, 21.2130 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 37.4659, 23.0593, 21.2130 Background



This preview shows how black text looks on a background with the HunterLab color 37.4659, 23.0593, 21.2130.



This preview shows how white text looks on a background with the HunterLab color 37.4659, 23.0593,

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

37.4659, 23.0593, 21.2130

Protanopia

37.8234, -4.8804, 20.2123

Deuteranopia

37.5486, 2.1305, 21.5373



Tritanopia

37.4486, 29.3323, 10.9507

Trichromacy



Original Color

37.4659, 23.0593, 21.2130

Protanomaly

37.1939, 4.9801, 20.2158

Deuteranomaly

37.2112, 9.8938, 21.2505

Tritanomaly

37.3650, 26.5169, 15.7917

Monochromacy



Original Color

37.4659, 23.0593, 21.2130

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.7943, 5.2776, 10.8230

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4659, 23.0593, 21.2130 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(164, 82, 33)` looks like.

```
.text, #text, p{  
  color:rgb(164, 82, 33)  
}
```

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(164, 82, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 82, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4659, 23.0593, 21.2130 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(164, 82, 33) }
```


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

```
.border{ border-color:rgb(164, 82, 33) }
```

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

Here you see how a box with a 4 pixel rgb(164, 82, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 82, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 82, 33);  
box-shadow:4px 4px 4px 4px rgb(164, 82,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4659, 23.0593, 21.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 82, 33) }
```

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

```
.background{ background-color: rgb(164, 82,  
33) }
```

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