

Converting Colors

HunterLab(14.3478, 81.1624,
-6.7873)

Have a look what the booklet for
HunterLab(14.3478, 81.1624,
-6.7873) contains.

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Color

**HunterLab(22.4980, 39.9320,
3.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	82003B
RGB	130, 0, 59
RGB Percent	51%, 0%, 23%
CMY	0.4902, 0.9999, 0.7686
CMYK	0.00, 1.00, 0.55, 0.49
HSL	333°, 100%, 25%
HSV	333°, 100%, 51%
XYZ	9.9954, 5.0616, 4.5879
YIQ	45.5960, 58.5410, 45.9090

Conversions

Conversions Part 2

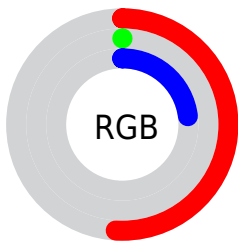
Format	Color
R_{YB}	130, 0, 59
Decimal	8519739
CIE Lab	26.91, 51.05, 4.39
CIE LCh	27, 51.237, 4.913
Yxy	5.0619, 0.5088, 0.2577
Android (android.graphics.Color)	4286709819 (0xFF82003B)
YUV	45.5960, 6.6082, 74.0223
Hunter-Lab	22.4980, 39.9320, 3.6580

Details

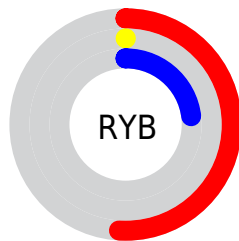
The HunterLab color **22.4980, 39.9320, 3.6580** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **40.5221, -30.7375, 15.7057**, and the grayscale version is **16.3635, -0.8731, 0.8891**.

A 20% lighter version of the original color is **39.9853, 43.7216, 5.1852**, and **12.2324, 21.2792, 5.3397** is the 20% darker color. If you saturate the color by 10%, you get **22.4978, 39.9313, 3.6606**, and if you desaturate by 10%, it is **23.2993, 38.4148, 1.8736**.

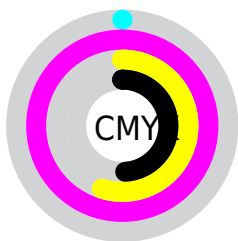
Distribution



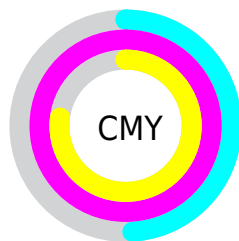
- Red (51%)
- Green (0%)
- Blue (23%)



- Red (51%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.4980, 39.9320, 3.6580 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 22.4980, 39.9320, 3.6580 by changing the saturation by 10% instead.

■ 22.4980, 39.9320,
3.6580

■ 22.4980, 39.9320,
3.6580

■ 122.6455, 54.1769,
11.1375

■ 15.1117, 38.0271,
2.9152

■ 39.9390, 43.7918,
5.1781

■ 8.7466, 36.8569,
2.5555

■ 49.8307, 45.5909,
5.9648

0.0000, INF, NaN

0.0000, NaN, NaN

■ 60.4264, 47.2794,
6.7722

0.0000, NaN, NaN

■ 71.6819, 48.8579,
7.6012

0.0000, NaN, NaN

■ 83.5607, 50.3311,
8.4523

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 96.0316, 51.7047,

9.3254

0.0000, NaN, NaN

109.0677, 52.9847,
10.2205

22.4980, 39.9320,
3.6580

22.4980, 39.9320,
3.6580

22.4978, 39.9313,
3.6606

23.2993, 38.4148,
1.8736

24.4315, 36.0411,
0.3034

26.0413, 32.5078,
-0.7975

28.1031, 28.1274,
-1.3964

30.5701, 23.2278,
-1.5254

■ 33.3889, 18.0723,
-1.2493

■ 36.5079, 12.8383,
-0.6410

■ 39.8821, 7.6304,
0.2329

■ 43.4736, 2.5016,
1.3172

Harmonies

Analogous

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



22.4987, 35.3383, -15.6948



22.4980, 39.9320, 3.6580



22.4987, 31.1678, 12.5544

Triad

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



22.4987, 39.9295, 3.6586



22.4987, -16.6308, 14.9418



22.4987, -13.1339, -46.8300

Complementary

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



22.4980, 39.9320, 3.6580



40.5221, -30.7375, 15.7057

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.



22.4987, -21.7529, -23.7959



22.4980, 39.9320, 3.6580



22.4987, -23.3262, 10.6301

Square

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



22.4987, 39.9295, 3.6586



22.4987, -3.8543, 15.7491



22.4987, -24.8866, -1.5158



22.4987, 1.5799, -54.3573

Rectangle

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



22.4980, 39.9320, 3.6580



22.4987, 20.0907, 14.9253



22.4987, -24.8866, -1.5158



22.4987, -16.6868, -40.1042

Sweetspot

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



22.4987, 39.9295, 3.6586



48.1506, 17.5174, -0.9187



16.9991, 38.5875, -62.5091



22.2018, 9.4936, -0.5886



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



22.4987, 39.9295, 3.6586



29.8074, 52.8140, 5.5559



22.0005, 36.5742, 14.1958



20.9145, 0.9744, 0.6800



22.0331, 39.1122, 3.5405

0.0000, NaN, NaN

Inverse Universe

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



22.4987, 39.9295, 3.6586



29.8074, 52.8140, 5.5559



40.5567, -20.5898, -6.2436



20.9145, 0.9744, 0.6800

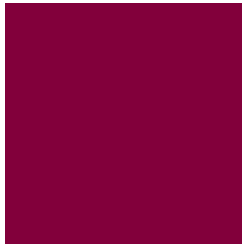


22.0331, 39.1122, 3.5405

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 22.4980, 39.9320, 3.6580 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

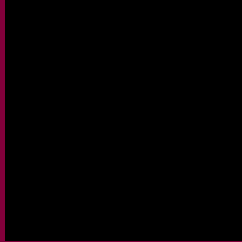
Any Text WCAG AA × Fail

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](#).

HunterLab 22.4980, 39.9320, 3.6580 Background



This preview shows how black text looks on a background with the HunterLab color 22.4980, 39.9320, 3.6580.



This preview shows how white text looks on a background with the HunterLab color 22.4980, 39.9320,

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

22.4980, 39.9320, 3.6580

Protanopia

23.8963, 0.5611, -7.1096

Deuteranopia

23.8047, 1.0686, 5.9945



Tritanopia

23.1997, 32.7600, 12.7974

Trichromacy



Original Color

22.4980, 39.9320, 3.6580

Protanomaly

20.6780, 16.4611, -6.5752

Deuteranomaly

21.0066, 17.9315, 2.6983

Tritanomaly

22.6631, 35.4989, 10.2198

Monochromacy



Original Color

22.4980, 39.9320, 3.6580

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.4181, 15.8168, -0.9167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.4980, 39.9320, 3.6580 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(130, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 59)  
}
```

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(130, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 22.4980, 39.9320, 3.6580 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(130, 0, 59) }
```


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

```
.border{ border-color:rgb(130, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(130, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(130, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.4980, 39.9320, 3.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 59) }
```

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

```
.background{ background-color: rgb(130, 0,  
59) }
```

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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