

Converting Colors

HunterLab(20.4006, 23.6550,
0.0170)

Have a look what the booklet for
HunterLab(20.4006, 23.6550,
0.0170) contains.

HunterLab(20.3387, 23.4338, 0.0730)	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(20.3387, 23.4338,
0.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	65203D
RGB	101, 32, 61
RGB Percent	40%, 13%, 24%
CMY	0.6039, 0.8745, 0.7608
CMYK	0.00, 0.68, 0.40, 0.60
HSL	335°, 52%, 26%
HSV	335°, 68%, 40%
XYZ	6.7256, 4.1366, 4.8588
YIQ	55.9370, 31.8150, 23.6470

Conversions

Conversions Part 2

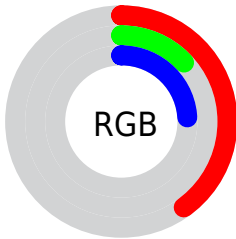
Format	Color
R_{YB}	101, 32, 61
Decimal	6627389
CIE _{Lab}	24.12, 33.88, -1.77
CIE _{LCh}	24, 33.930, 357.011
Yxy	4.1368, 0.4278, 0.2631
Android (android.graphics.Color)	4284817469 (0xFF65203D)
YUV	55.9370, 2.4961, 39.5203
Hunter-Lab	20.3387, 23.4338, 0.0730

Details

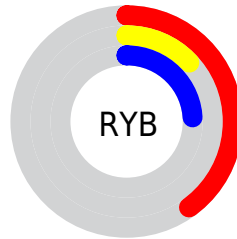
The HunterLab color **20.3387, 23.4338, 0.0730** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31.7528, -19.4811, 7.7759**, and the grayscale version is **19.8495, -1.0591, 1.0785**.

A 20% lighter version of the original color is **37.3311, 26.3171, 0.9314**, and **8.6650, 15.3817, 1.3930** is the 20% darker color. If you saturate the color by 10%, you get **19.0107, 26.3068, 0.8455**, and if you desaturate by 10%, it is **21.9852, 20.0421, -0.3612**.

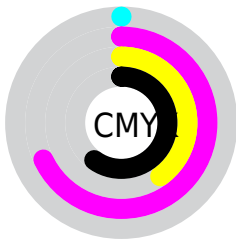
Distribution



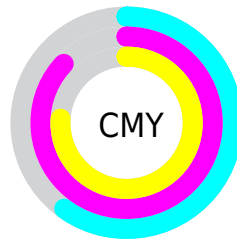
- Red (40%)
- Green (13%)
- Blue (24%)



- Red (40%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (40%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3387, 23.4338, 0.0730 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 20.3387, 23.4338, 0.0730 by changing the saturation by 10% instead.

■ 20.3387, 23.4338,
0.0730

■ 20.3387, 23.4338,
0.0730

■ 118.8018, 32.4369,
4.6378

■ 13.2303, 21.8552,
-0.1829

■ 37.3103, 26.2266,
0.7763

■ 6.7526, 23.4416,
-0.7186

■ 46.9964, 27.4254,
1.2065

0.0000, INF, NaN

■ 57.4004, 28.5040,
1.6823

0.0000, NaN, NaN

■ 68.4756, 29.4733,
2.1999

0.0000, NaN, NaN

■ 80.1838, 30.3432,
2.7565

0.0000, NaN, NaN

■ 92.4922, 31.1223,

0.0000, NaN, NaN

3.3497

0.0000, NaN, NaN

105.3730, 31.8180,
3.9773

20.3387, 23.4338,
0.0730

20.3387, 23.4338,
0.0730

19.0107, 26.3068,
0.8455

21.9852, 20.0421,
-0.3612

18.0253, 28.4310,
1.9415

23.9126, 16.3547,
-0.4833

17.2664, 30.0474,
3.1734

26.0831, 12.5349,
-0.3352

17.1379, 30.3433,
3.3677

28.4614, 8.6892,
0.0364

31.0169, 4.8784,
0.5894

■ 33.7239, 1.1322,
1.2884

■ 36.5615, -2.5388,
2.1050

■ 39.5127, -6.1346,
3.0173

■ 42.5638, -9.6606,
4.0082

Harmonies

Analogous

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



20.3392, 18.9086, -12.4735



20.3387, 23.4338, 0.0730



20.3392, 20.3578, 8.0728

Triad

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



20.3392, 23.4323, 0.0735



20.3392, -9.5136, 11.9232



20.3392, -11.0064, -22.6827

Complementary

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



20.3387, 23.4338, 0.0730



31.7528, -19.4811, 7.7759

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.



20.3392, -16.2037, -9.7684



20.3387, 23.4338, 0.0730



20.3392, -15.4735, 9.0680

Square

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



20.3392, 23.4323, 0.0735



20.3392, -0.0163, 12.6681



20.3392, -17.6558, 2.0892



20.3392, -2.1347, -29.1847

Rectangle

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



20.3387, 23.4338, 0.0730



20.3392, 14.6992, 10.7762



20.3392, -17.6558, 2.0892



20.3392, -13.1660, -18.7048

Sweetspot

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



20.3392, 23.4323, 0.0735



39.8693, 7.5075, 0.5913



18.2106, 21.7637, -28.4827



19.4406, 4.2183, 0.2176



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



20.3392, 23.4323, 0.0735



24.0812, 36.2698, 1.9198



20.4196, 19.1357, 8.9489



16.9226, 0.6870, 0.6261



19.6040, 34.6705, 4.1561



44.5836, 78.4939, 12.1960

Inverse Universe

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



20.3392, 23.4323, 0.0735



24.0812, 36.2698, 1.9198



31.1218, -13.3726, -4.5123



16.9226, 0.6870, 0.6261



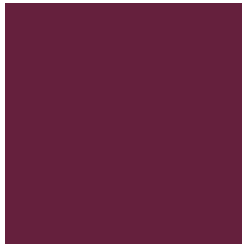
19.6040, 34.6705, 4.1561



44.5836, 78.4939, 12.1960

Previews

White Background



This preview shows how the HunterLab color 20.3387, 23.4338, 0.0730 looks on a white background.

Color Contrast Check

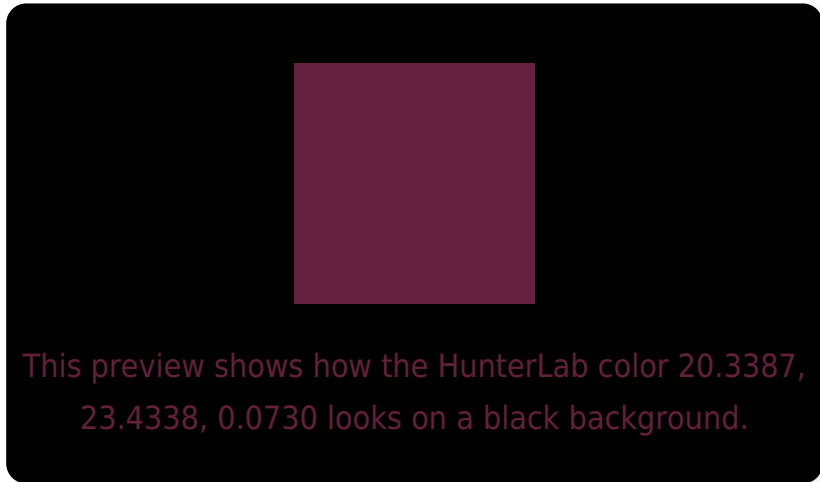
Large Text (above 18pt) WCAG AA ✓ Pass

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

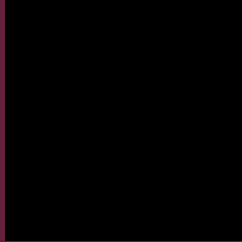
Any Text WCAG AA × Fail

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 20.3387, 23.4338, 0.0730 Background



This preview shows how black text looks on a background with the HunterLab color 20.3387, 23.4338, 0.0730.



This preview shows how white text looks on a background with the HunterLab color 20.3387, 23.4338,

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

20.3387, 23.4338, 0.0730

Protanopia

20.7818, 0.7445, -7.2126

Deuteranopia

20.8700, 1.1689, 1.5083



Tritanopia

20.4425, 19.0904, 7.3637

Trichromacy



Original Color

20.3387, 23.4338, 0.0730

Protanomaly

19.8838, 7.9475, -5.3839

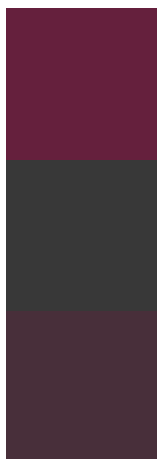
Deuteranomaly

20.1231, 9.0326, 0.3667

Tritanomaly

20.2895, 20.5315, 5.0030

Monochromacy



Original Color

20.3387, 23.4338, 0.0730

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.2775, 7.4942, -0.3017

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3387, 23.4338, 0.0730 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(101, 32, 61)` looks like.

```
.text, #text, p{  
    color:rgb(101, 32, 61)  
}
```

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(101, 32, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 32, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3387, 23.4338, 0.0730 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(101, 32, 61) }
```


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

```
.border{ border-color:rgb(101, 32, 61) }
```

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

Here you see how a box with a 4 pixel rgb(101, 32, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 32, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 32, 61);  
box-shadow:4px 4px 4px 4px rgb(101, 32,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3387, 23.4338, 0.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 32, 61) }
```

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

```
.background{ background-color: rgb(101, 32,  
61) }
```

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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