

Converting Colors

HunterLab(20.9148, 13.9402,
-20.1091)

Have a look what the booklet for
HunterLab(20.9148, 13.9402,
-20.1091) contains.

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Color

**HunterLab(20.8671, 14.0172,
-20.4364)**

Conversions

Conversions Part 1

Format	Color
Hex	473063
RGB	71, 48, 99
RGB Percent	28%, 19%, 39%
CMY	0.7216, 0.8118, 0.6118
CMYK	0.28, 0.52, 0.00, 0.61
HSL	267°, 35%, 29%
HSV	267°, 52%, 39%
XYZ	5.9076, 4.3544, 12.3335
YIQ	60.6910, -2.6630, 20.7370

Conversions

Conversions Part 2

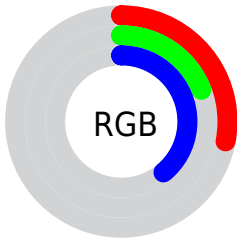
Format	Color
R_{YB}	71, 48, 99
Decimal	4665443
CIE _{Lab}	24.81, 22.15, -26.41
CIE _{LCh}	25, 34.469, 309.995
Yxy	4.3545, 0.2615, 0.1927
Android (android.graphics.Color)	4282855523 (0xFF473063)
YUV	60.6910, 18.8863, 9.0410
Hunter-Lab	20.8671, 14.0172, -20.4364




Details

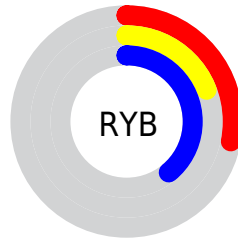
The HunterLab color $[20.8671, 14.0172, -20.4364]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[32.6706, -13.5960, 14.8185]$, and the grayscale version is $[21.4334, -1.1436, 1.1645]$.




A 20% lighter version of the original color is $[38.0150, 15.5627, -21.3053]$, and $[7.2092, 13.4634, -22.0408]$ is the 20% darker color. If you saturate the color by 10%, you get $[18.5387, 17.2998, -26.0266]$, and if you desaturate by 10%, it is $[23.3912, 10.7700, -15.3188]$.

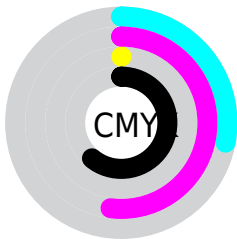
Distribution







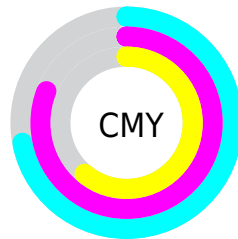
-  Red (28%)
-  Green (19%)
-  Blue (39%)






-  Red (28%)
-  Yellow (19%)
-  Blue (39%)



-  Cyan (28%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (72%)
-  Magenta (81%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8671, 14.0172, -20.4364 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 20.8671, 14.0172, -20.4364 by changing the saturation by 10% instead.

■ 20.8671, 14.0172,
-20.4364

■ 20.8671, 14.0172,
-20.4364

■ 119.7504, 18.5052,
-23.9398

■ 13.6886, 12.9379,
-20.0703

■ 37.9560, 15.7198,
-21.5031

■ 7.2976, 13.2573,
-21.6135

■ 47.6935, 16.3821,
-22.0157

0.0000, NaN, -NF

■ 58.1453, 16.9396,
-22.4787

0.0000, NaN, -NF

■ 69.2655, 17.4044,
-22.8852

0.0000, NaN, NaN

■ 81.0161, 17.7861,
-23.2335

0.0000, NaN, NaN

■ 93.3650, 18.0927,

0.0000, NaN, NaN

0.0000, NaN, NaN

-23.5241

0.0000, NaN, NaN

106.2845, 18.3306,
-23.7589

■ 20.8671, 14.0172,
-20.4364

■ 20.8671, 14.0172,
-20.4364

■ 18.5387, 17.2998,
-26.0266

■ 23.3912, 10.7700,
-15.3188

■ 16.4490, 20.5201,
-32.0539

■ 26.0753, 7.5980,
-10.6404

■ 14.6525, 23.4804,
-38.3258

■ 28.8936, 4.5093,
-6.3399

■ 13.2011, 25.8807,
-44.4297

■ 31.8258, 1.4987,
-2.3541

■ 12.0449, 28.1062,
-50.1924

■ 34.8566, -1.4444,
1.3741

■ 37.9739, -4.3316,
4.8927

■ 41.1681, -7.1740,
8.2413

■ 44.4316, -9.9813,
11.4518

■ 47.7581, -12.7618,
14.5501

Harmonies

Analogous

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



20.8675, 2.6217, -29.2806



20.8671, 14.0172, -20.4364



20.8675, 22.2635, -6.8357

Triad

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



20.8675, 14.0170, -20.4357



20.8675, 6.4934, 12.5439



20.8675, -17.9099, -2.6006

Complementary

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



20.8671, 14.0172, -20.4364



32.6706, -13.5960, 14.8185

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.



20.8675, -17.2910, 6.8372



20.8671, 14.0172, -20.4364



20.8675, -4.6051, 12.8531

Square

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



20.8675, 14.0170, -20.4357



20.8675, 17.3429, 10.2745



20.8675, -12.8769, 11.3230



20.8675, -14.7850, -16.0153

Rectangle

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



20.8671, 14.0172, -20.4364



20.8675, 24.0420, 1.1340



20.8675, -12.8769, 11.3230



20.8675, -18.1148, 1.1378

Sweetspot

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



20.8675, 14.0170, -20.4357



40.1643, 3.4949, -5.0825



25.8943, -3.5474, -11.1347



19.3160, 1.9759, -2.8372



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



20.8675, 14.0170, -20.4357



23.6342, 23.6234, -35.8233



23.5078, 20.9780, -14.9198



16.0162, 0.3484, -0.6575



13.6667, 31.9969, -57.7744



30.7701, 73.0823, -138.1578

Inverse Universe

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



22.9967, 18.0261, -3.1425



27.3340, 29.4041, -4.5298



31.3518, -18.7798, 13.7016



16.1580, 0.7188, 0.3837



19.4969, 35.1504, -1.0551



44.8640, 80.5197, 0.3956

Previews

White Background



This preview shows how the HunterLab color 20.8671, 14.0172, -20.4364 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



This preview shows how the HunterLab color 20.8671, 14.0172, -20.4364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

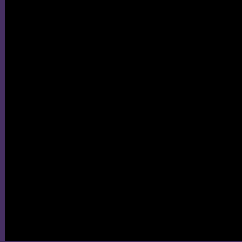
Any Text WCAG AA × Fail

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 20.8671, 14.0172, -20.4364 Background



This preview shows how black text looks on a background with the HunterLab color 20.8671, 14.0172, -20.4364.



This preview shows how white text looks on a background with the HunterLab color 20.8671, 14.0172,

-20.4364.

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

20.8671, 14.0172, -20.4364

Protanopia

21.0924, 4.3824, -26.8063

Deuteranopia

20.8951, 1.4414, -19.1893



Tritanopia

20.8903, 1.4398, -0.0370

Trichromacy



Original Color

20.8671, 14.0172, -20.4364

Protanomaly

20.6460, 7.4548, -25.5271

Deuteranomaly

20.6572, 5.6504, -20.3381

Tritanomaly

20.8318, 5.5642, -6.0118

Monochromacy



Original Color

20.8671, 14.0172, -20.4364

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.1191, 4.1537, -5.6016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8671, 14.0172, -20.4364 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(71, 48, 99)` looks like.

```
.text, #text, p{  
    color:rgb(71, 48, 99)  
}
```

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(71, 48, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 48, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8671, 14.0172, -20.4364 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(71, 48, 99) }
```


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

```
.border{ border-color:rgb(71, 48, 99) }
```

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

Here you see how a box with a 4 pixel rgb(71, 48, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 48, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 48, 99);  
box-shadow:4px 4px 4px 4px rgb(71, 48, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8671, 14.0172, -20.4364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 48, 99) }
```

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

```
.background{ background-color: rgb(71, 48,  
99) }
```

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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