

Converting Colors

HunterLab(17.3682, 20.2797,
-44.2647)

Have a look what the booklet for
HunterLab(17.3682, 20.2797,
-44.2647) contains.

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Color

**HunterLab(17.4208, 20.0608,
-44.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	312273
RGB	49, 34, 115
RGB Percent	19%, 13%, 45%
CMY	0.8078, 0.8667, 0.5490
CMYK	0.57, 0.70, 0.00, 0.55
HSL	251°, 54%, 29%
HSV	251°, 70%, 45%
XYZ	4.9332, 3.0348, 16.5455
YIQ	47.7190, -17.0610, 28.3710

Conversions

Conversions Part 2

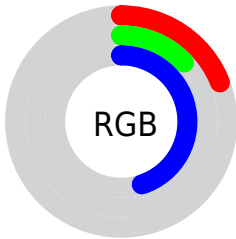
Format	Color
R_{YB}	49, 34, 115
Decimal	3220083
CIE _{Lab}	20.18, 30.55, -44.34
CIE _{LCh}	20, 53.846, 304.565
Yxy	3.0349, 0.2012, 0.1238
Android (android.graphics.Color)	4281410163 (0xFF312273)
YUV	47.7190, 33.1695, 1.1234
Hunter-Lab	17.4208, 20.0608, -44.1164

Details

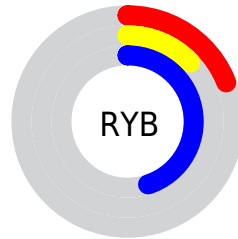
The HunterLab color **17.4208, 20.0608, -44.1164** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **38.8410, -14.3186, 21.3728**, and the grayscale version is **16.9964, -0.9069, 0.9234**.

A 20% lighter version of the original color is **33.7480, 22.4796, -43.8949**, and **6.2717, 17.0121, -44.5634** is the 20% darker color. If you saturate the color by 10%, you get **15.0822, 23.9288, -54.0493**, and if you desaturate by 10%, it is **20.1587, 16.2462, -34.9988**.

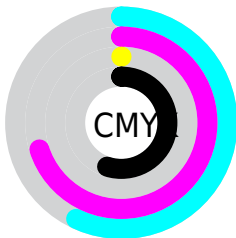
Distribution



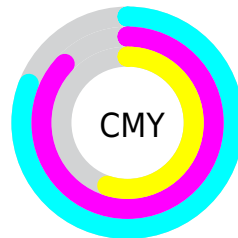
- Red (19%)
- Green (13%)
- Blue (45%)



- Red (19%)
- Yellow (13%)
- Blue (45%)



- Cyan (57%)
- Magenta (70%)
- Yellow (0%)
- Black (55%)



- Cyan (81%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4208, 20.0608, -44.1164 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 17.4208, 20.0608, -44.1164 by changing the saturation by 10% instead.

■ 17.4208, 20.0608,
-44.1164

■ 17.4208, 20.0608,
-44.1164

■ 113.4529, 28.2297,
-48.3548

■ 10.7238, 18.5614,
-46.4134

■ 33.7072, 22.6865,
-43.8134

■ 1.4242, 93.3899,
-212.6356

■ 43.0958, 23.7925,
-44.3225

0.0000, NaN, -NF

■ 53.2233, 24.7758,
-44.9684

0.0000, NaN, -NF

■ 64.0394, 25.6486,
-45.6673

0.0000, NaN, NaN

■ 75.5026, 26.4218,
-46.3749

0.0000, NaN, NaN

■ 87.5784, 27.1047,

0.0000, NaN, NaN

0.0000, NaN, NaN

-47.0669

0.0000, NaN, NaN

100.2370, 27.7051,
-47.7295

17.4208, 20.0608,
-44.1164

17.4208, 20.0608,
-44.1164

15.0822, 23.9288,
-54.0493

20.1587, 16.2462,
-34.9988

13.2558, 27.3982,
-63.8995

23.2031, 12.6583,
-26.9267

11.8345, 30.7260,
-73.4298

26.4865, 9.3271,
-19.8239

29.9610, 6.2258,
-13.5266

33.5926, 3.3135,
-7.8698

■ 37.3566, 0.5506,
-2.7144

■ 41.2346, -2.0964,
2.0500

■ 45.2128, -4.6542,
6.5085

■ 49.2803, -7.1437,
10.7269

Harmonies

Analogous

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



17.4210, 1.5735, -60.2195



17.4208, 20.0608, -44.1164



17.4210, 36.2305, -16.7684

Triad

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



17.4210, 20.0614, -44.1158



17.4210, 14.2634, 12.1947



17.4210, -22.1521, -1.5323

Complementary

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



17.4208, 20.0608, -44.1164



38.8410, -14.3186, 21.3728

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.



17.4210, -20.8524, 9.4174



17.4208, 20.0608, -44.1164



17.4210, -3.3005, 12.1947

Square

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



17.4210, 20.0614, -44.1158



17.4210, 32.1252, 11.1835



17.4210, -15.1186, 12.1947



17.4210, -19.6518, -24.9842

Rectangle

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



17.4208, 20.0608, -44.1164



17.4210, 41.2190, -2.0417



17.4210, -15.1186, 12.1947



17.4210, -22.1343, 3.4873

Sweetspot

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



17.4210, 20.0614, -44.1158



44.4002, 4.8586, -11.3404



32.7431, -11.9119, -9.4026



21.1701, 2.7759, -6.3121



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



17.4210, 20.0614, -44.1158



18.4365, 35.2905, -81.4259



21.2676, 28.4163, -31.6153



19.0250, 0.0899, -1.0222



12.6229, 32.8272, -78.7418



27.3558, 72.0549, -177.7259

Inverse Universe

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



23.8935, 32.4630, -14.6245



29.4087, 50.3462, -21.3142



36.5060, -23.4878, 19.6257



19.3568, 1.1578, -0.1358



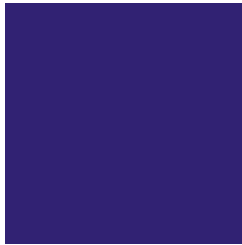
22.5426, 42.6631, -16.8921



49.6453, 93.7631, -35.7016

Previews

White Background



This preview shows how the HunterLab color 17.4208, 20.0608, -44.1164 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 17.4208, 20.0608, -44.1164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

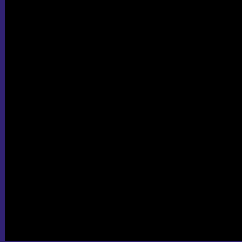
Any Text WCAG AA × Fail

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 17.4208, 20.0608, -44.1164 Background



This preview shows how black text looks on a background with the HunterLab color 17.4208, 20.0608, -44.1164.



This preview shows how white text looks on a background with the HunterLab color 17.4208, 20.0608, -44.1164.

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

17.4208, 20.0608, -44.1164

Protanopia

17.4184, 3.9217, -30.2373

Deuteranopia

17.4343, -1.1917, -19.2187



Tritanopia

17.5251, -5.5842, -2.8415

Trichromacy



Original Color

17.4208, 20.0608, -44.1164

Protanomaly

16.9596, 8.8753, -36.1163

Deuteranomaly

16.9365, 5.6208, -29.0561

Tritanomaly

16.9073, 2.5912, -15.4764

Monochromacy



Original Color

17.4208, 20.0608, -44.1164

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.8048, 5.1396, -11.1857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4208, 20.0608, -44.1164 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(49, 34, 115)` looks like.

```
.text, #text, p{  
    color:rgb(49, 34, 115)  
}
```

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(49, 34, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 34, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4208, 20.0608, -44.1164 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(49, 34, 115) }
```


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

```
.border{ border-color:rgb(49, 34, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 34, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 34, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 34, 115);  
box-shadow:4px 4px 4px 4px rgb(49, 34,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.4208, 20.0608, -44.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 34, 115) }
```

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

```
.background{ background-color: rgb(49, 34,  
115) }
```

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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