

Converting Colors

HunterLab(17.2135, 22.3111,
-64.6201)

Have a look what the booklet for
HunterLab(17.2135, 22.3111,
-64.6201) contains.

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Color

**HunterLab(17.2320, 22.1151,
-64.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	152284
RGB	21, 34, 132
RGB Percent	8%, 13%, 52%
CMY	0.9176, 0.8667, 0.4824
CMYK	0.84, 0.74, 0.00, 0.48
HSL	233°, 73%, 30%
HSV	233°, 84%, 52%
XYZ	5.0461, 2.9694, 22.1369
YIQ	41.2850, -39.2060, 27.7220

Conversions

Conversions Part 2

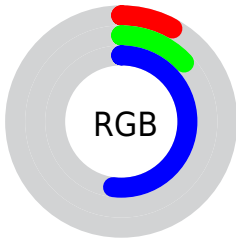
Format	Color
R_{YB}	21, 33, 132
Decimal	1385092
CIE _{Lab}	19.92, 33.09, -55.67
CIE _{LCh}	20, 64.762, 300.728
Yxy	2.9695, 0.1674, 0.0985
Android (android.graphics.Color)	4279575172 (0xFF152284)
YUV	41.2850, 44.7225, -17.7899
Hunter-Lab	17.2320, 22.1151, -64.1040

Details

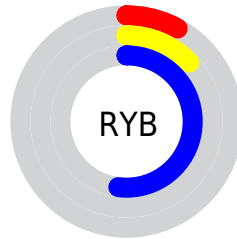
The HunterLab color **17.2320, 22.1151, -64.1040** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **42.6102, -6.4965, 25.1545**, and the grayscale version is **14.8527, -0.7925, 0.8070**.

A 20% lighter version of the original color is **33.4841, 25.0094, -61.1858**, and **7.7077, 20.9070, -54.7662** is the 20% darker color. If you saturate the color by 10%, you get **15.1769, 27.0268, -75.4554**, and if you desaturate by 10%, it is **19.8411, 17.4132, -52.7022**.

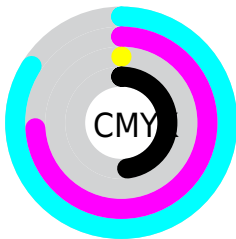
Distribution



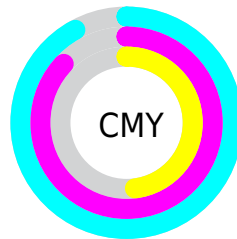
- Red (8%)
- Green (13%)
- Blue (52%)



- Red (8%)
- Yellow (13%)
- Blue (52%)



- Cyan (84%)
- Magenta (74%)
- Yellow (0%)
- Black (48%)



- Cyan (92%)
- Magenta (87%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.2320, 22.1151, -64.1040 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 17.2320, 22.1151, -64.1040 by changing the saturation by 10% instead.

■ 17.2320, 22.1151,
-64.1040

■ 17.2320, 22.1151,
-64.1040

■ 113.0996, 31.2390,
-65.6419

■ 10.5632, 20.5412,
-69.8298

■ 33.4717, 24.9586,
-61.3775

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.8401, 26.1778,
-61.4604

0.0000, NaN, -NF

■ 52.9490, 27.2724,
-61.9062

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 63.7475, 28.2538,
-62.5436

0.0000, NaN, NaN

■ 75.1943, 29.1326,
-63.2798

0.0000, NaN, NaN

■ 87.2544, 29.9180,

0.0000, NaN, NaN

-64.0611

99.8981, 30.6178,
-64.8552

17.2320, 22.1151,
-64.1040

17.2320, 22.1151,
-64.1040

15.1769, 27.0268,
-75.4554

19.8411, 17.4132,
-52.7022

14.2139, 29.6539,
-81.7805

22.8845, 13.2625,
-42.2240

26.2633, 9.7124,
-32.9280

29.9045, 6.6921,
-24.7366

33.7561, 4.1036,
-17.4702

■ 37.7809, 1.8566,
-10.9449

■ 41.9518, -0.1224,
-5.0036

■ 46.2486, -1.8909,
0.4795

■ 50.6560, -3.4930,
5.6022

Harmonies

Analogous

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



17.2321, -0.4515, -83.1598



17.2320, 22.1151, -64.1040



17.2321, 44.1770, -26.3364

Triad

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



17.2321, 22.1165, -64.1036



17.2321, 20.9355, 12.0625



17.2321, -24.8181, 0.4884

Complementary

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



17.2320, 22.1151, -64.1040



42.6102, -6.4965, 25.1545

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.



17.2321, -22.7283, 11.4175



17.2320, 22.1151, -64.1040



17.2321, -1.3843, 12.0625

Square

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



17.2321, 22.1165, -64.1036



17.2321, 43.3115, 11.7605



17.2321, -15.9447, 12.0625



17.2321, -22.5201, -28.1184

Rectangle

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



17.2320, 22.1151, -64.1040



17.2321, 52.2887, -5.6850



17.2321, -15.9447, 12.0625



17.2321, -24.6054, 5.6665

Sweetspot

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



17.2321, 22.1165, -64.1036



49.3423, 2.8797, -15.7506



42.3689, -24.5016, 2.0406



23.0268, 1.8104, -8.8309



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



17.2321, 22.1165, -64.1036



18.5327, 40.6372, -110.8884



17.9369, 32.3149, -60.5395



21.5080, -0.4986, -1.0923



14.0032, 29.1155, -80.3549



1.0985, 0.8743, -3.2603

Inverse Universe

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



23.5749, 35.0115, 11.3339



29.4815, 50.6592, 17.7229



43.3548, -23.4543, 25.3335



21.6724, 0.7271, 1.5022



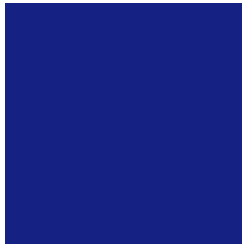
21.8744, 37.6211, 12.8903



1.3080, 2.2900, 0.4577

Previews

White Background



This preview shows how the HunterLab color 17.2320, 22.1151, -64.1040 looks on a white background.

Color Contrast Check

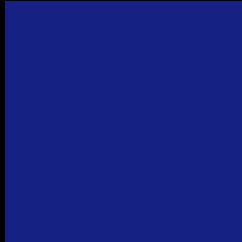
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2320, 22.1151, -64.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

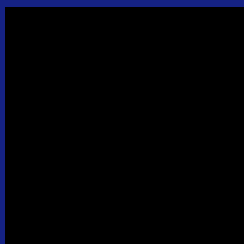
Any Text WCAG AA × Fail

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 17.2320, 22.1151, -64.1040 Background



This preview shows how black text looks on a background with the HunterLab color 17.2320, 22.1151, -64.1040.



This preview shows how white text looks on a background with the HunterLab color 17.2320, 22.1151, -64.1040.

-64.1040.

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

17.2320, 22.1151, -64.1040

Protanopia

17.1286, 4.0881, -30.2343

Deuteranopia

17.0918, -1.2865, -18.5862



Tritanopia

17.1282, -8.5303, -2.9943

Trichromacy



Original Color

17.2320, 22.1151, -64.1040

Protanomaly

16.8975, 10.5434, -42.1719

Deuteranomaly

16.7110, 6.5368, -33.2706

Tritanomaly

16.5068, 0.4927, -19.9466

Monochromacy



Original Color

17.2320, 22.1151, -64.1040

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.9021, 4.9309, -16.5070

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2320, 22.1151, -64.1040 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(21, 34, 132)` looks like.

```
.text, #text, p{  
    color:rgb(21, 34, 132)  
}
```

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(21, 34, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 34, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2320, 22.1151, -64.1040 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(21, 34, 132) }
```


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

```
.border{ border-color:rgb(21, 34, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 34, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 34, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 34, 132);  
box-shadow:4px 4px 4px 4px rgb(21, 34,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.2320, 22.1151, -64.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 34, 132) }
```

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

```
.background{ background-color: rgb(21, 34,  
132) }
```

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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