

Converting Colors

HunterLab(20.1276, 2.7955,
-21.1951)

Have a look what the booklet for
HunterLab(20.1276, 2.7955,
-21.1951) contains.

HunterLab(20.1215, 2.6225, -20.8792)	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(20.1215, 2.6225,
-20.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	233861
RGB	35, 56, 97
RGB Percent	14%, 22%, 38%
CMY	0.8627, 0.7804, 0.6196
CMYK	0.64, 0.42, 0.00, 0.62
HSL	220°, 47%, 26%
HSV	220°, 64%, 38%
XYZ	4.2650, 4.0487, 11.8660
YIQ	54.3950, -25.6770, 8.2990

Conversions

Conversions Part 2

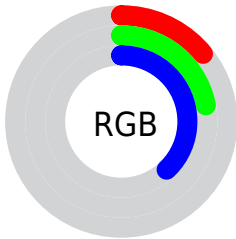
Format	Color
R_{YB}	35, 51, 97
Decimal	2308193
CIE _{Lab}	23.83, 5.99, -26.85
CIE _{LCh}	24, 27.514, 282.569
Yxy	4.0489, 0.2114, 0.2006
Android (android.graphics.Color)	4280498273 (0xFF233861)
YUV	54.3950, 21.0043, -17.0094
Hunter-Lab	20.1215, 2.6225, -20.8792

Details

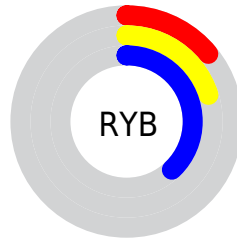
The HunterLab color **20.1215, 2.6225, -20.8792** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.9858, 0.8891, 13.8910**, and the grayscale version is **19.2783, -1.0286, 1.0474**.

A 20% lighter version of the original color is **37.1713, 2.3394, -21.7427**, and **7.1982, 5.2490, -20.3281** is the 20% darker color. If you saturate the color by 10%, you get **18.2197, 4.2577, -25.5010**, and if you desaturate by 10%, it is **22.1470, 1.3175, -16.6066**.

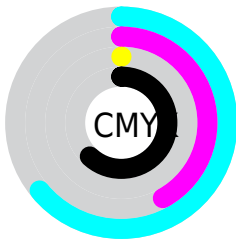
Distribution



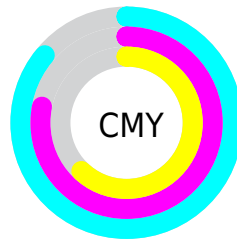
- Red (14%)
- Green (22%)
- Blue (38%)



- Red (14%)
- Yellow (20%)
- Blue (38%)



- Cyan (64%)
- Magenta (42%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1215, 2.6225, -20.8792 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 20.1215, 2.6225, -20.8792 by changing the saturation by 10% instead.

■ 20.1215, 2.6225,
-20.8792

■ 20.1215, 2.6225,
-20.8792

■ 118.4098, 0.1927,
-24.4988

■ 13.0420, 2.5404,
-20.5615

■ 37.0440, 2.5010,
-21.9438

■ 6.5136, 3.6575,
-23.6280

■ 46.7088, 2.3288,
-22.4693

0.0000, NaN, -NF

■ 57.0928, 2.0952,
-22.9483

0.0000, NaN, NaN

■ 68.1495, 1.8069,
-23.3721

0.0000, NaN, NaN

■ 79.8399, 1.4688,
-23.7384

0.0000, NaN, NaN

■ 92.1316, 1.0850,

0.0000, NaN, NaN

-24.0472

0.0000, NaN, NaN

104.9964, 0.6587,
-24.3000

20.1215, 2.6225,
-20.8792

20.1215, 2.6225,
-20.8792

18.2197, 4.2577,
-25.5010

22.1470, 1.3175,
-16.6066

16.4621, 6.2663,
-30.4783

24.2775, 0.2945,
-12.6547

14.8634, 8.6433,
-35.8029

26.4991, -0.4905,
-8.9840

13.9378, 10.1549,
-39.3425

28.8002, -1.0759,
-5.5544

31.1717, -1.4937,
-2.3292

■ 33.6059, -1.7702,
0.7240

■ 36.0967, -1.9271,
3.6329

■ 38.6388, -1.9818,
6.4205

■ 41.2280, -1.9487,
9.1064

Harmonies

Analogous

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



20.1218, -5.7591, -20.2194



20.1215, 2.6225, -20.8792



20.1218, 11.2749, -14.1292

Triad

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



20.1218, 2.6227, -20.8787



20.1218, 12.4952, 9.0530



20.1218, -14.4613, 5.2334

Complementary

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



20.1215, 2.6225, -20.8792



27.9858, 0.8891, 13.8910

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.



20.1218, -11.0171, 9.5346



20.1215, 2.6225, -20.8792



20.1218, 4.0817, 11.0228

Square

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



20.1218, 2.6227, -20.8787



20.1218, 17.5806, 4.2051



20.1218, -4.5231, 11.1517



20.1218, -14.7189, -2.6069

Rectangle

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



20.1215, 2.6225, -20.8792



20.1218, 15.6625, -7.5065



20.1218, -4.5231, 11.1517



20.1218, -13.6681, 7.0420

Sweetspot

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



20.1218, 2.6227, -20.8787



39.0499, -1.6720, -5.3999



30.6904, -17.3669, 5.6427



19.1462, -0.7747, -3.1209



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.



20.1218, 2.6227, -20.8787



22.6031, 6.9107, -36.8005



16.1478, 13.8638, -31.3316



16.2465, -0.8272, -0.3869



16.0018, 12.4773, -46.9358



34.9079, 34.2246, -117.5129

Inverse Universe

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



20.0728, 20.4048, 1.6746



23.5852, 32.3974, 3.8864



32.7581, -10.6047, 17.1213



16.1332, 0.5855, 0.7363



18.9679, 33.2209, 6.5375



43.6688, 76.1508, 17.6234

Previews

White Background



This preview shows how the HunterLab color 20.1215, 2.6225, -20.8792 looks on a white background.

Color Contrast Check

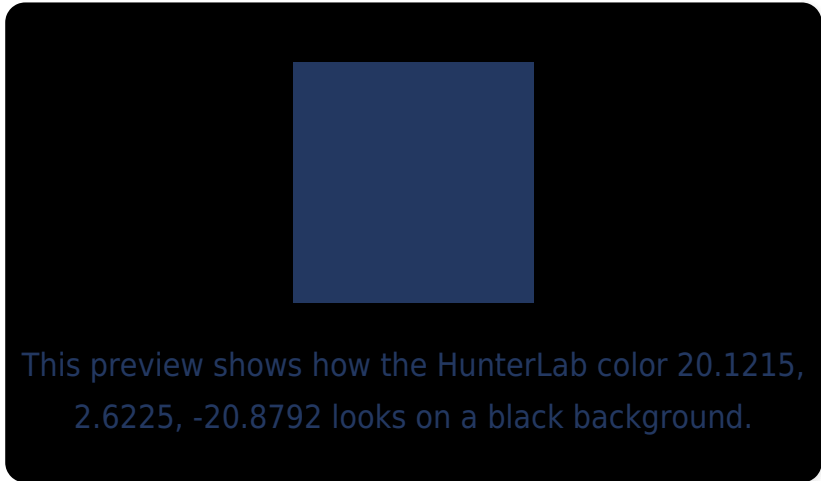
Large Text (above 18pt) WCAG AA ✓ Pass

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

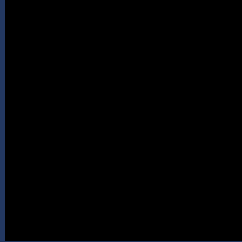
Any Text WCAG AA × Fail

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 20.1215, 2.6225, -20.8792 Background



This preview shows how black text looks on a background with the HunterLab color 20.1215, 2.6225, -20.8792.



This preview shows how white text looks on a background with the HunterLab color 20.1215, 2.6225, -20.8792.

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

20.1215, 2.6225, -20.8792

Protanopia

20.0206, 3.4287, -20.3758

Deuteranopia

20.0558, 1.1510, -21.0547



Tritanopia

19.9780, -8.0188, -4.0603

Trichromacy



Original Color

20.1215, 2.6225, -20.8792

Protanomaly

19.9724, 3.2718, -20.4873

Deuteranomaly

20.1627, 1.5102, -20.8052

Tritanomaly

19.9760, -4.5424, -9.7255

Monochromacy



Original Color

20.1215, 2.6225, -20.8792

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.4394, -0.5587, -5.7040

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1215, 2.6225, -20.8792 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(35, 56, 97)` looks like.

```
.text, #text, p{  
    color:rgb(35, 56, 97)  
}
```

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(35, 56, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 56, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1215, 2.6225, -20.8792 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(35, 56, 97) }
```


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

```
.border{ border-color:rgb(35, 56, 97) }
```

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

Here you see how a box with a 4 pixel rgb(35, 56, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 56, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 56, 97);  
box-shadow:4px 4px 4px 4px rgb(35, 56, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1215, 2.6225, -20.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 56, 97) }
```

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

```
.background{ background-color: rgb(35, 56,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor