

Converting Colors

HunterLab(41.5725, -3.5001,
-22.0699)

Have a look what the booklet for
HunterLab(41.5725, -3.5001,
-22.0699) contains.

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Color

HunterLab(41.4212, -3.3300,
-22.1395)

Conversions

Conversions Part 1

Format	Color
Hex	4F76A0
RGB	79, 118, 160
RGB Percent	31%, 46%, 63%
CMY	0.6902, 0.5372, 0.3725
CMYK	0.51, 0.26, 0.00, 0.37
HSL	211°, 34%, 47%
HSV	211°, 51%, 63%
XYZ	16.0480, 17.1572, 35.7235
YIQ	111.1270, -36.7260, 4.7940

Conversions

Conversions Part 2

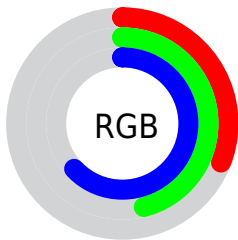
Format	Color
R_{YB}	79, 105, 160
Decimal	5207712
CIE _{Lab}	48.46, -1.48, -26.81
CIE _{LCh}	48, 26.848, 266.838
Yxy	17.1578, 0.2328, 0.2489
Android (android.graphics.Color)	4283397792 (0xFF4F76A0)
YUV	111.1270, 24.0944, -28.1754
Hunter-Lab	41.4212, -3.3300, -22.1395

Details

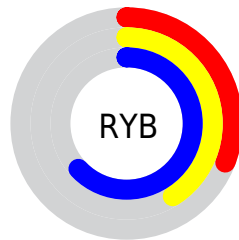
The HunterLab color **41.4212, -3.3300, -22.1395** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **46.5978, 5.5874, 19.3983**, and the grayscale version is **39.8401, -2.1258, 2.1646**.

A 20% lighter version of the original color is **62.1629, -4.5119, -23.0932**, and **23.7117, -2.3037, -20.9041** is the 20% darker color. If you saturate the color by 10%, you get **38.3189, -2.1237, -27.8847**, and if you desaturate by 10%, it is **44.6870, -4.0494, -16.6612**.

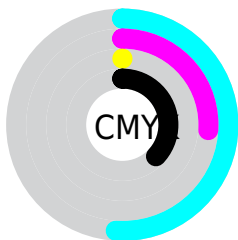
Distribution



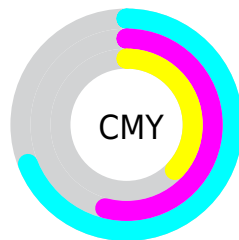
- Red (31%)
- Green (46%)
- Blue (63%)



- Red (31%)
- Yellow (41%)
- Blue (63%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (54%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4212, -3.3300, -22.1395 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 41.4212, -3.3300, -22.1395 by changing the saturation by 10% instead.

■ 41.4212, -3.3300,
-22.1395

■ 41.4212, -3.3300,
-22.1395

■ 153.6490, -9.9420,
-24.7071

■ 32.1668, -2.7444,
-21.5966

■ 62.1264, -4.5992,
-23.0961

■ 23.7269, -2.1933,
-21.0543

■ 73.4806, -5.2799,
-23.4922

■ 16.1902, -1.6781,
-20.6109

■ 85.4529, -5.9898,
-23.8304

■ 9.6817, -1.1996,
-20.5757

■ 98.0130, -6.7278,
-24.1118

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.1344, -7.4928,
-24.3380

0.0000, NaN, NaN

124.7941, -8.2841,

0.0000, NaN, NaN

-24.5111

0.0000, NaN, NaN

138.9717, -9.1007,
-24.6335

■ 41.4212, -3.3300,
-22.1395

■ 41.4212, -3.3300,
-22.1395

■ 38.3189, -2.1237,
-27.8847

■ 44.6870, -4.0494,
-16.6612

■ 35.3970, -0.3664,
-33.9021

■ 48.0966, -4.3442,
-11.4371

■ 32.6771, 1.9997,
-40.1735

■ 51.6358, -4.2711,
-6.4449

■ 30.1791, 5.0106,
-46.6549

■ 55.2916, -3.8800,
-1.6605

■ 28.0196, 8.3112,
-52.9636

■ 59.0529, -3.2134,
2.9403

■ 62.9100, -2.3076,
7.3802

■ 66.8548, -1.1931,
11.6800

■ 70.8803, 0.1043,
15.8583

■ 74.9804, 1.5631,
19.9315

Harmonies

Analogous

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



41.4220, -12.7777, -17.4710



41.4212, -3.3300, -22.1395



41.4220, 7.3925, -19.0331

Triad

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



41.4220, -3.3300, -22.1386



41.4220, 17.5783, 10.0847



41.4220, -17.9246, 11.5165

Complementary

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



41.4212, -3.3300, -22.1395



46.5978, 5.5874, 19.3983

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.



41.4220, -11.0147, 16.0875



41.4212, -3.3300, -22.1395



41.4220, 9.5310, 15.4185

Square

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



41.4220, -3.3300, -22.1386



41.4220, 20.1551, 1.1715



41.4220, -1.0828, 17.3129



41.4220, -20.6545, 3.3094

Rectangle

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



41.4212, -3.3300, -22.1395



41.4220, 13.7200, -13.3138



41.4220, -1.0828, 17.3129



41.4220, -16.0499, 13.4417

Sweetspot

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



41.4220, -3.3300, -22.1386



72.1871, -5.5236, -5.2131



53.0859, -28.2137, 12.0672



33.3517, -2.6332, -3.0385



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



41.4220, -3.3300, -22.1386



51.0054, -2.5446, -38.8101



31.3871, 16.0452, -43.2027



26.3360, -1.7948, -0.4779



24.9063, 6.9822, -46.2032



4.4189, -0.9332, -3.5087

Inverse Universe

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



37.9133, 30.4679, -2.9088



46.3883, 50.6563, -3.7237



57.4819, -12.9882, 27.5621



25.8779, 1.3384, 0.7382



24.9969, 44.5146, 2.9224



3.4676, 6.4038, -1.3682

Previews

White Background



This preview shows how the HunterLab color 41.4212, -3.3300, -22.1395 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 × Fail

Black Background



This preview shows how the HunterLab color 41.4212, -3.3300, -22.1395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

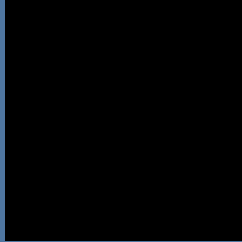
Any Text WCAG AA × Fail

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 41.4212, -3.3300, -22.1395 Background



This preview shows how black text looks on a background with the HunterLab color 41.4212, -3.3300, -22.1395.

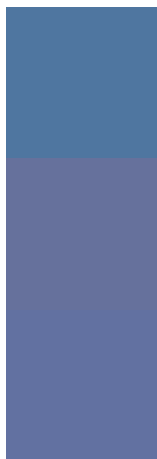


This preview shows how white text looks on a background with the HunterLab color 41.4212, -3.3300, -22.1395.

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

41.4212, -3.3300, -22.1395

Protanopia

41.2739, 2.9584, -19.6970

Deuteranopia

41.2070, 3.1534, -23.0682



Tritanopia

41.4264, -12.8515, -6.4573

Trichromacy



Original Color

41.4212, -3.3300, -22.1395

Protanomaly

41.3225, 0.3973, -20.2984

Deuteranomaly

41.3023, 0.6647, -22.9410

Tritanomaly

41.3212, -9.4891, -11.9913

Monochromacy



Original Color

41.4212, -3.3300, -22.1395

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.3389, -3.6632, -5.7335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4212, -3.3300, -22.1395 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(79, 118, 160)` looks like.

```
.text, #text, p{  
    color:rgb(79, 118, 160)  
}
```

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(79, 118, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 118, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4212, -3.3300, -22.1395 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(79, 118, 160) }
```


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

```
.border{ border-color:rgb(79, 118, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 118, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 118, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 118, 160);  
box-shadow:4px 4px 4px 4px rgb(79, 118,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4212, -3.3300, -22.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 118, 160) }
```

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

```
.background{ background-color: rgb(79, 118,  
160) }
```

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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