

Converting Colors

HunterLab(35.2058, 20.1076,
-79.6510)

Have a look what the booklet for
HunterLab(35.2058, 20.1076,
-79.6510) contains.

HunterLab(35.2250, 20.0412, -79.4757)	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(35.2250, 20.0412,
-79.4757)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5AD1
RGB	42, 90, 209
RGB Percent	16%, 35%, 82%
CMY	0.8352, 0.6471, 0.1804
CMYK	0.80, 0.57, 0.00, 0.18
HSL	223°, 67%, 49%
HSV	223°, 80%, 82%
XYZ	16.1196, 12.4080, 61.8670
YIQ	89.2140, -66.8070, 26.8330

Conversions

Conversions Part 2

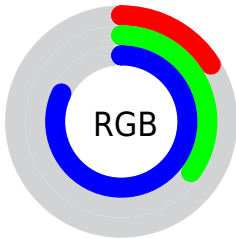
Format	Color
R _Y B	42, 79, 209
Decimal	2775761
CIE Lab	41.86, 27.38, -65.90
CIE LCh	42, 71.359, 292.563
Yxy	12.4083, 0.1783, 0.1373
Android (android.graphics.Color)	4280965841 (0xFF2A5AD1)
YUV	89.2140, 59.0545, -41.4067
Hunter-Lab	35.2250, 20.0412, -79.4757




Details

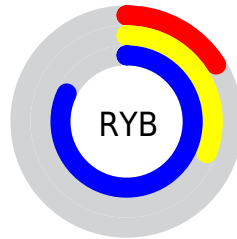
The HunterLab color **35.2250, 20.0412, -79.4757** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **62.6241, 2.8833, 36.5640**, and the grayscale version is **31.4943, -1.6805, 1.7111**.




A 20% lighter version of the original color is **54.0950, 18.2581, -70.0408**, and **20.6250, 22.1234, -73.5376** is the 20% darker color. If you saturate the color by 10%, you get **31.3219, 26.9292, -94.4128**, and if you desaturate by 10%, it is **39.6724, 14.2339, -65.4553**.

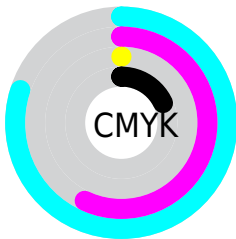
Distribution







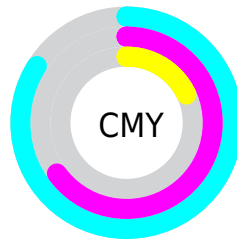
-  Red (16%)
-  Green (35%)
-  Blue (82%)






-  Red (16%)
-  Yellow (31%)
-  Blue (82%)



-  Cyan (80%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.2250, 20.0412, -79.4757 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 35.2250, 20.0412, -79.4757 by changing the saturation by 10% instead.

■ 35.2250, 20.0412,
-79.4757

■ 35.2250, 20.0412,
-79.4757

■ 143.9062, 25.1519,
-84.4374

■ 26.4998, 18.9682,
-80.9918

■ 54.9878, 21.8107,
-79.1481

■ 18.6443, 17.7477,
-84.6282

■ 65.9149, 22.5316,
-79.6085

■ 11.7689, 16.3811,
-93.1550

■ 77.4830, 23.1586,
-80.2634

■ 4.5351, 26.0727,
-157.6531

■ 89.6583, 23.7007,
-81.0308

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.4120, 24.1653,
-81.8595

0.0000, NaN, -NF

115.7188, 24.5586,

0.0000, NaN, -NF

-82.7168

0.0000, NaN, NaN

129.5568, 24.8860,
-83.5810

■ 35.2250, 20.0412,
-79.4757

■ 35.2250, 20.0412,
-79.4757

■ 31.3219, 26.9292,
-94.4128

■ 39.6724, 14.2339,
-65.4553

■ 28.0335, 34.5981,
-109.6992

■ 44.5666, 9.4802,
-52.6227

■ 28.0024, 34.6773,
-109.8589

■ 49.8286, 5.6549,
-40.9725

■ 55.3964, 2.6072,
-30.3810

■ 61.2221, 0.1976,
-20.6899

■ 67.2688, -1.6915,
-11.7460

■ 73.5078, -3.1556,
-3.4146

■ 79.9165, -4.2705,
4.4166

■ 86.4768, -5.0961,
11.8397

Harmonies

Analogous

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



35.2254, -8.2791, -88.9144



35.2250, 20.0412, -79.4757



35.2254, 48.8084, -42.5191

Triad

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



35.2254, 20.0427, -79.4747



35.2254, 35.0434, 22.8244



35.2254, -39.6830, 7.6675

Complementary

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



35.2250, 20.0412, -79.4757



62.6241, 2.8833, 36.5640

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.



35.2254, -34.0618, 20.5531



35.2250, 20.0412, -79.4757



35.2254, 5.0081, 24.4919

Square

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



35.2254, 20.0427, -79.4747



35.2254, 59.1141, 15.9730



35.2254, -19.4834, 23.9198



35.2254, -37.8406, -22.4171

Rectangle

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



35.2250, 20.0412, -79.4757



35.2254, 61.6393, -16.0654



35.2254, -19.4834, 23.9198



35.2254, -38.6800, 13.6306

Sweetspot

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



35.2254, 20.0427, -79.4747



80.8973, -1.1545, -19.5102



69.7091, -45.1570, 14.3024



36.1691, -0.1287, -10.9097

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.2254, 20.0427, -79.4747



36.1986, 40.6325, -131.9420



27.8800, 48.9824, -110.2442



34.5878, -1.5077, -1.4157



22.3205, 26.2575, -84.5811



6.4421, 3.2706, -15.1124

Inverse Universe

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



39.9381, 59.5808, 11.2930



46.9773, 80.4889, 20.6437



74.1299, -30.9207, 43.3841



34.4432, 1.6363, 1.7429



29.2817, 50.8849, 13.1923



7.0227, 12.3951, 1.6819

Previews

White Background



This preview shows how the HunterLab color 35.2250, 20.0412, -79.4757 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 35.2250, 20.0412, -79.4757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

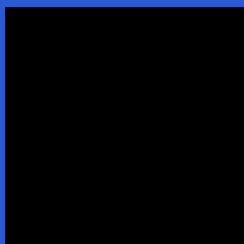
Any Text WCAG AA × Fail

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 35.2250, 20.0412, -79.4757 Background



This preview shows how black text looks on a background with the HunterLab color 35.2250, 20.0412, -79.4757.



This preview shows how white text looks on a background with the HunterLab color 35.2250, 20.0412, -79.4757.

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

35.2250, 20.0412, -79.4757

Protanopia

35.2157, 12.5529, -71.1147

Deuteranopia

35.1063, 0.5780, -45.1274



Tritanopia

34.9260, -17.0600, -6.8267

Trichromacy



Original Color

35.2250, 20.0412, -79.4757

Protanomaly

35.0569, 15.0792, -74.7496

Deuteranomaly

34.9229, 7.0415, -57.2247

Tritanomaly

34.3603, -5.8257, -28.7183

Monochromacy



Original Color

35.2250, 20.0412, -79.4757

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.9624, 2.5851, -21.4226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.2250, 20.0412, -79.4757 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(42, 90, 209)` looks like.

```
.text, #text, p{  
    color:rgb(42, 90, 209)  
}
```

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(42, 90, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 90, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 35.2250, 20.0412, -79.4757 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(42, 90, 209) }
```


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

```
.border{ border-color:rgb(42, 90, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 90, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 90, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 90, 209);  
box-shadow:4px 4px 4px 4px rgb(42, 90,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.2250, 20.0412, -79.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 90, 209) }
```

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

```
.background{ background-color: rgb(42, 90,  
209) }
```

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