

Converting Colors

HunterLab(21.7339, 6.1787,
-31.5746)

Have a look what the booklet for
HunterLab(21.7339, 6.1787,
-31.5746) contains.

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Color

**HunterLab(21.7462, 6.0725,
-31.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	223B74
RGB	34, 59, 116
RGB Percent	13%, 23%, 45%
CMY	0.8666, 0.7686, 0.5451
CMYK	0.71, 0.49, 0.00, 0.55
HSL	222°, 55%, 29%
HSV	222°, 71%, 45%
XYZ	5.3760, 4.7290, 17.1524
YIQ	58.0230, -33.1970, 12.4270

Conversions

Conversions Part 2

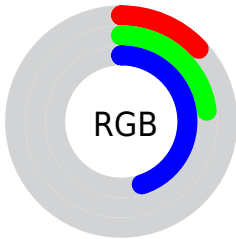
Format	Color
R_{YB}	34, 53, 116
Decimal	2243444
CIE _{Lab}	25.95, 11.12, -35.69
CIE _{LCh}	26, 37.383, 287.306
Yxy	4.7291, 0.1972, 0.1735
Android (android.graphics.Color)	4280433524 (0xFF223B74)
YUV	58.0230, 28.5827, -21.0682
Hunter-Lab	21.7462, 6.0725, -31.5430




Details

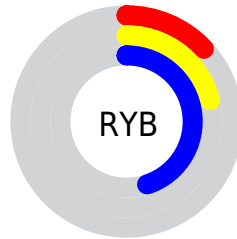
The HunterLab color **21.7462, 6.0725, -31.5430** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **33.6326, 0.7593, 18.0690**, and the grayscale version is **20.4916, -1.0934, 1.1133**.




A 20% lighter version of the original color is **39.1107, 6.5663, -32.6882**, and **9.1535, 7.9562, -28.6162** is the 20% darker color. If you saturate the color by 10%, you get **19.4892, 8.6966, -38.1051**, and if you desaturate by 10%, it is **24.1964, 3.9287, -25.5092**.

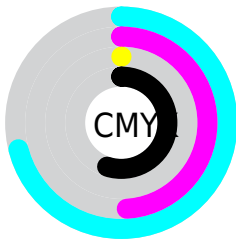
Distribution







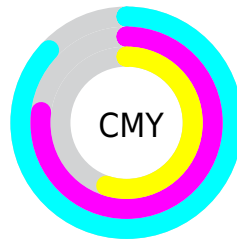
-  Red (13%)
-  Green (23%)
-  Blue (45%)






-  Red (13%)
-  Yellow (21%)
-  Blue (45%)



-  Cyan (71%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (87%)
-  Magenta (77%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7462, 6.0725, -31.5430 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 21.7462, 6.0725, -31.5430 by changing the saturation by 10% instead.

■ 21.7462, 6.0725,
-31.5430

■ 21.7462, 6.0725,
-31.5430

■ 121.3167, 5.8309,
-36.3416

■ 14.4541, 5.6613,
-31.6408

■ 39.0266, 6.5372,
-32.5115

■ 8.1151, 5.5647,
-33.8561

■ 48.8480, 6.6295,
-33.1418

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.3780, 6.6457,
-33.7721

0.0000, NaN, NaN

■ 70.5718, 6.5943,
-34.3756

0.0000, NaN, NaN

■ 82.3920, 6.4823,
-34.9392

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.8072, 6.3149,

-35.4562

0.0000, NaN, NaN

107.7900, 6.0966,
-35.9240

■ 21.7462, 6.0725,
-31.5430

■ 21.7462, 6.0725,
-31.5430

■ 19.4892, 8.6966,
-38.1051

■ 24.1964, 3.9287,
-25.5092

■ 17.4623, 11.8330,
-45.1340

■ 26.8075, 2.2022,
-19.9868

■ 15.7621, 15.0440,
-52.1769

■ 29.5551, 0.8279,
-14.9206

■ 32.4194, -0.2537,
-10.2460

■ 35.3850, -1.0931,
-5.9007

■ 38.4396, -1.7317,
-1.8296

■ 41.5735, -2.2030,
2.0144

■ 44.7786, -2.5338,
5.6702

■ 48.0484, -2.7460,
9.1702

Harmonies

Analogous

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



21.7465, -5.9652, -32.5609



21.7462, 6.0725, -31.5430



21.7465, 18.3429, -19.3552

Triad

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



21.7465, 6.0730, -31.5424



21.7465, 16.6327, 11.8749



21.7465, -19.2859, 5.4446

Complementary

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



21.7462, 6.0725, -31.5430



33.6326, 0.7593, 18.0690

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.



21.7465, -15.5543, 11.3757



21.7462, 6.0725, -31.5430



21.7465, 4.0991, 13.6462

Square

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



21.7465, 6.0730, -31.5424



21.7465, 25.2826, 6.7147



21.7465, -7.5587, 13.4978



21.7465, -18.9806, -6.3385

Rectangle

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



21.7462, 6.0725, -31.5430



21.7465, 24.2334, -9.0011



21.7465, -7.5587, 13.4978



21.7465, -18.5026, 8.0189

Sweetspot

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



21.7465, 6.0730, -31.5424



46.5767, -1.3660, -8.2959



36.8372, -22.0549, 6.7316



22.3327, -0.5598, -4.6439



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.



21.7465, 6.0730, -31.5424



24.0630, 14.1420, -56.4891



17.4906, 20.3476, -44.8767



19.3783, -0.9053, -0.5895



16.6065, 16.1808, -55.6863



34.7700, 40.9876, -131.9400

Inverse Universe

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



22.7445, 27.4085, 3.7087



27.3230, 42.4427, 7.8293



39.2062, -14.4433, 21.6166



19.2810, 0.7500, 0.9437



20.7422, 36.1751, 8.3377



45.6397, 79.3082, 20.5863

Previews

White Background



This preview shows how the HunterLab color 21.7462, 6.0725, -31.5430 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 21.7462, 6.0725, -31.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

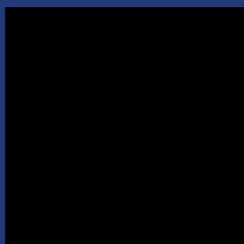
Any Text WCAG AA × Fail

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 21.7462, 6.0725, -31.5430 Background



This preview shows how black text looks on a background with the HunterLab color 21.7462, 6.0725, -31.5430.



This preview shows how white text looks on a background with the HunterLab color 21.7462, 6.0725, -31.5430.

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

21.7462, 6.0725, -31.5430

Protanopia

21.6525, 5.8853, -32.6386

Deuteranopia

21.6352, 0.0244, -27.0947



Tritanopia

21.4832, -10.4281, -4.3408

Trichromacy



Original Color

21.7462, 6.0725, -31.5430

Protanomaly

21.6878, 5.9964, -32.5399

Deuteranomaly

21.6639, 1.6284, -28.5754

Tritanomaly

21.4010, -5.3809, -13.0909

Monochromacy



Original Color

21.7462, 6.0725, -31.5430

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.6000, 0.2649, -8.5919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7462, 6.0725, -31.5430 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(34, 59, 116)` looks like.

```
.text, #text, p{  
    color:rgb(34, 59, 116)  
}
```

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(34, 59, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 59, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7462, 6.0725, -31.5430 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(34, 59, 116) }
```


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

```
.border{ border-color:rgb(34, 59, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 59, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 59, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 59, 116);  
box-shadow:4px 4px 4px 4px rgb(34, 59,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7462, 6.0725, -31.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 59, 116) }
```

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

```
.background{ background-color: rgb(34, 59,  
116) }
```

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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