

Converting Colors

HunterLab(21.6273, 16.4711,
-53.3479)

Have a look what the booklet for
HunterLab(21.6273, 16.4711,
-53.3479) contains.

HunterLab(21.6273, 16.4711, -53.3479)	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>	30

Color

**HunterLab(21.6273, 16.4711,
-53.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	23348B
RGB	35, 52, 139
RGB Percent	14%, 20%, 55%
CMY	0.8627, 0.7961, 0.4549
CMYK	0.75, 0.63, 0.00, 0.45
HSL	230°, 60%, 34%
HSV	230°, 75%, 55%
XYZ	6.5813, 4.6774, 24.9821
YIQ	56.8350, -38.0590, 23.4530

Conversions

Conversions Part 2

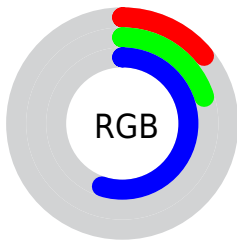
Format	Color
R_{YB}	35, 50, 139
Decimal	2307211
CIE _{Lab}	25.80, 25.17, -50.38
CIE _{LCh}	26, 56.315, 296.546
Yxy	4.6775, 0.1816, 0.1291
Android (android.graphics.Color)	4280497291 (0xFF23348B)
YUV	56.8350, 40.5073, -19.1493
Hunter-Lab	21.6273, 16.4711, -53.3479

Details

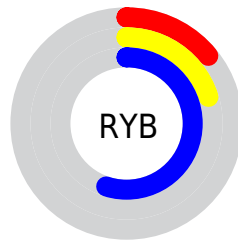
The HunterLab color **21.6273, 16.4711, -53.3479** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **44.1944, -4.9959, 25.0109**, and the grayscale version is **20.0472, -1.0697, 1.0892**.

A 20% lighter version of the original color is **38.8232, 18.5764, -52.8015**, and **9.7156, 17.5588, -50.0480** is the 20% darker color. If you saturate the color by 10%, you get **18.8876, 21.2230, -64.6664**, and if you desaturate by 10%, it is **24.7786, 12.3581, -42.9621**.

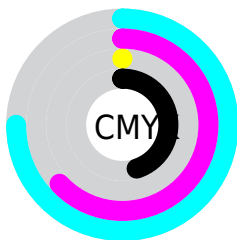
Distribution



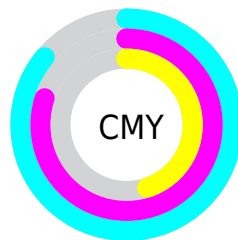
- Red (14%)
- Green (20%)
- Blue (55%)



- Red (14%)
- Yellow (20%)
- Blue (55%)



- Cyan (75%)
- Magenta (63%)
- Yellow (0%)
- Black (45%)



- Cyan (86%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6273, 16.4711, -53.3479 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 21.6273, 16.4711, -53.3479 by changing the saturation by 10% instead.

■ 21.6273, 16.4711,
-53.3479

■ 21.6273, 16.4711,
-53.3479

■ 121.1055, 22.0683,
-57.7870

■ 14.3503, 15.2610,
-55.4199

■ 38.8820, 18.4455,
-52.9789

■ 8.0100, 14.6197,
-62.9454

■ 48.6922, 19.2390,
-53.4668

0.0000, INF, -NF

■ 59.2117, 19.9237,
-54.1176

0.0000, NaN, -NF

■ 70.3955, 20.5117,
-54.8438

0.0000, NaN, -NF

■ 82.2065, 21.0127,
-55.5970

0.0000, NaN, NaN

■ 94.6127, 21.4349,

0.0000, NaN, NaN

0.0000, NaN, NaN

-56.3488

0.0000, NaN, NaN

107.5870, 21.7848,
-57.0822

■ 21.6273, 16.4711,
-53.3479

■ 21.6273, 16.4711,
-53.3479

■ 18.8876, 21.2230,
-64.6664

■ 24.7786, 12.3581,
-42.9621

■ 16.6636, 26.3645,
-76.1805

■ 28.2518, 8.8850,
-33.6974

■ 15.7020, 28.9174,
-82.0505

■ 31.9808, 5.9670,
-25.4737

■ 35.9171, 3.5017,
-18.1283

■ 40.0256, 1.3973,
-11.4946

■ 44.2804, -0.4212,
-5.4280

■ 48.6617, -2.0123,
0.1886

■ 53.1546, -3.4215,
5.4480

■ 57.7472, -4.6837,
10.4227

Harmonies

Analogous

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



21.6276, -3.1893, -63.6125



21.6273, 16.4711, -53.3479



21.6276, 35.6931, -25.7577

Triad

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



21.6276, 16.4721, -53.3473



21.6276, 21.2705, 15.1393



21.6276, -25.9002, 3.0578

Complementary

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



21.6273, 16.4711, -53.3479



44.1944, -4.9959, 25.0109

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.



21.6276, -23.0280, 12.5652



21.6273, 16.4711, -53.3479



21.6276, 0.9570, 15.1393

Square

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



21.6276, 16.4721, -53.3473



21.6276, 39.0378, 11.2919



21.6276, -14.4854, 15.1393



21.6276, -24.1320, -19.1564

Rectangle

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



21.6273, 16.4711, -53.3479



21.6276, 43.5162, -7.9071



21.6276, -14.4854, 15.1393



21.6276, -25.4780, 7.4922

Sweetspot

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



21.6276, 16.4721, -53.3473



54.8767, 1.2702, -13.4238



44.9664, -25.4251, 3.1274



25.7075, 0.8994, -7.3899



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



21.6276, 16.4721, -53.3473



23.0741, 33.3068, -97.5987



20.8722, 29.8686, -56.0014



22.3960, -0.6458, -1.0516



14.9786, 27.2546, -77.5568



1.7108, 0.8653, -4.0063

Inverse Universe

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



26.3428, 34.3224, 9.5211



32.3314, 52.4822, 16.3384



46.4220, -22.4682, 26.1800



22.4968, 0.8112, 1.4481



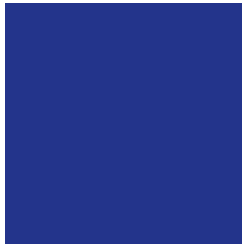
22.3846, 38.5874, 12.5026



1.8638, 3.2897, 0.4448

Previews

White Background



This preview shows how the HunterLab color 21.6273, 16.4711, -53.3479 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 21.6273, 16.4711, -53.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

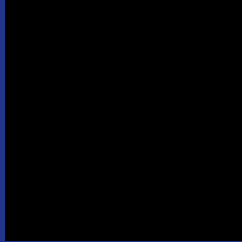
Any Text WCAG AA × Fail

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 21.6273, 16.4711, -53.3479 Background



This preview shows how black text looks on a background with the HunterLab color 21.6273, 16.4711, -53.3479.



This preview shows how white text looks on a background with the HunterLab color 21.6273, 16.4711, -53.3479.

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

21.6273, 16.4711, -53.3479

Deuteranopia

21.4862, -0.7866, -25.1578

Tritanopia

21.4526, -10.6094, -3.9112

Trichromacy



Original Color

21.6273, 16.4711, -53.3479

Deuteranomaly

21.3200, 5.0523, -35.3098

Tritanomaly

20.9173, -2.4716, -18.5216

Monochromacy



Original Color

21.6273, 16.4711, -53.3479

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.1828, 3.1796, -13.9960

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6273, 16.4711, -53.3479 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, 52, 139)` looks like.

```
.text, #text, p{  
    color:rgb(35, 52, 139)  
}
```

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, 52, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 52, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6273, 16.4711, -53.3479 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, 52, 139) }
```

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

```
.border{ border-color:rgb(35, 52, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 52, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 52, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 52, 139);  
box-shadow:4px 4px 4px 4px rgb(35, 52,  
139) }
```


Background

The CSS property to change the background color of an element to HunterLab 21.6273, 16.4711, -53.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 52, 139) }
```

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

```
.background{ background-color: rgb(35, 52,  
139) }
```

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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