

Converting Colors

HunterLab(23.6341, 5.4138,
-32.3515)

Have a look what the booklet for
HunterLab(23.6341, 5.4138,
-32.3515) contains.

HunterLab(23.6341, 5.4138, -32.3515)	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(23.6341, 5.4138,
-32.3515)**

Conversions

Conversions Part 1

Format	Color
Hex	24417B
RGB	36, 65, 123
RGB Percent	14%, 25%, 48%
CMY	0.8588, 0.7451, 0.5176
CMYK	0.71, 0.47, 0.00, 0.52
HSL	220°, 55%, 31%
HSV	220°, 71%, 48%
XYZ	6.1930, 5.5857, 19.4906
YIQ	62.9410, -35.9020, 11.8900

Conversions

Conversions Part 2

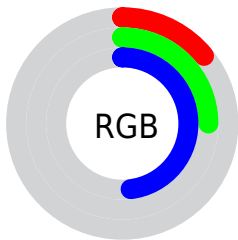
Format	Color
R_{YB}	36, 58, 123
Decimal	2376059
CIE _{Lab}	28.34, 10.07, -36.26
CIE _{LCh}	28, 37.635, 285.517
Yxy	5.5859, 0.1981, 0.1786
Android (android.graphics.Color)	4280566139 (0xFF24417B)
YUV	62.9410, 29.6091, -23.6273
Hunter-Lab	23.6341, 5.4138, -32.3515

Details

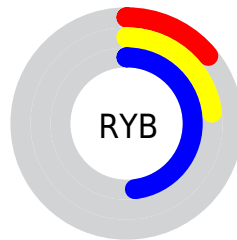
The HunterLab color $[23.6341, 5.4138, -32.3515]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[35.1350, 1.9684, 18.8673]$, and the grayscale version is $[22.1845, -1.1837, 1.2053]$.

A 20% lighter version of the original color is $[41.2289, 5.9718, -33.5580]$, and $[10.5224, 7.7513, -29.8850]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.2772, 8.0515, -38.9654]$, and if you desaturate by 10%, it is $[26.1867, 3.2810, -26.2339]$.

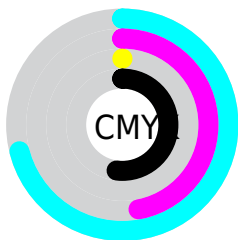
Distribution



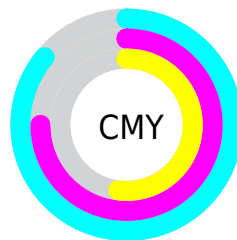
- Red (14%)
- Green (25%)
- Blue (48%)



- Red (14%)
- Yellow (23%)
- Blue (48%)



- Cyan (71%)
- Magenta (47%)
- Yellow (0%)
- Black (52%)



- Cyan (86%)
- Magenta (75%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6341, 5.4138, -32.3515 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 23.6341, 5.4138, -32.3515 by changing the saturation by 10% instead.

■ 23.6341, 5.4138,
-32.3515

■ 23.6341, 5.4138,
-32.3515

■ 124.6333, 4.5661,
-37.2311

■ 16.1088, 5.1043,
-32.3205

■ 41.3106, 5.7074,
-33.3848

■ 9.6131, 4.6467,
-33.4650

■ 51.3062, 5.7253,
-34.0225

0.0000, INF, -NF

■ 61.9989, 5.6725,
-34.6558

0.0000, NaN, -NF

■ 73.3458, 5.5565,
-35.2607

0.0000, NaN, NaN

■ 85.3112, 5.3834,
-35.8251

0.0000, NaN, NaN

■ 97.8646, 5.1581,

0.0000, NaN, NaN

0.0000, NaN, NaN

-36.3430

0.0000, NaN, NaN

110.9796, 4.8846,
-36.8120

■ 23.6341, 5.4138,
-32.3515

■ 23.6341, 5.4138,
-32.3515

■ 21.2772, 8.0515,
-38.9654

■ 26.1867, 3.2810,
-26.2339

■ 19.1502, 11.2306,
-46.0201

■ 28.9040, 1.5884,
-20.6006

■ 17.3656, 14.5082,
-53.0244

■ 31.7619, 0.2695,
-15.4039

■ 34.7411, -0.7367,
-10.5861

■ 37.8259, -1.4823,
-6.0902

■ 41.0038, -2.0103,
-1.8647

■ 44.2649, -2.3559,
2.1349

■ 47.6007, -2.5473,
5.9460

■ 51.0046, -2.6078,
9.6001

Harmonies

Analogous

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



23.6345, -6.8991, -32.5802



23.6341, 5.4138, -32.3515



23.6345, 18.1225, -20.5737

Triad

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



23.6345, 5.4143, -32.3509



23.6345, 17.7299, 12.3774



23.6345, -20.1018, 6.2563

Complementary

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



23.6341, 5.4138, -32.3515



35.1350, 1.9684, 18.8673

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.



23.6345, -15.8989, 12.2551



23.6341, 5.4138, -32.3515



23.6345, 4.9578, 14.3645

Square

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



23.6345, 5.4143, -32.3509



23.6345, 26.1650, 6.5556



23.6345, -7.2713, 14.3337



23.6345, -20.0292, -5.5704

Rectangle

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



23.6341, 5.4138, -32.3515



23.6345, 24.3884, -10.0858



23.6345, -7.2713, 14.3337



23.6345, -19.1870, 8.8489

Sweetspot

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



23.6345, 5.4143, -32.3509



50.2877, -1.9162, -8.6103



39.1782, -23.7700, 7.6988



23.9494, -0.8316, -4.8222



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



23.6345, 5.4143, -32.3509



26.6232, 13.3964, -58.0911



18.3933, 21.6394, -48.6915



20.2279, -1.0127, -0.5768



17.6360, 14.8240, -54.0442



36.6325, 37.3598, -126.4365

Inverse Universe

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



24.1965, 29.6094, 3.1737



29.3859, 46.0638, 7.3528



41.8486, -15.0255, 23.1586



20.0874, 0.8209, 0.9205



21.2623, 37.1866, 7.7369



46.2838, 80.6501, 19.1502

Previews

White Background



This preview shows how the HunterLab color 23.6341, 5.4138, -32.3515 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 23.6341, 5.4138, -32.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

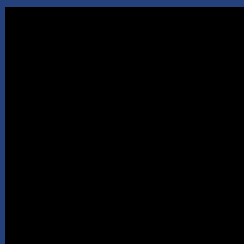
Any Text WCAG AA × Fail

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 23.6341, 5.4138, -32.3515 Background



This preview shows how black text looks on a background with the HunterLab color 23.6341, 5.4138, -32.3515.



This preview shows how white text looks on a background with the HunterLab color 23.6341, 5.4138, -32.3515.

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

23.6341, 5.4138, -32.3515

Protanopia

23.6727, 5.5369, -32.2490

Deuteranopia

23.4314, 0.5685, -30.5145



Tritanopia

23.4024, -11.2322, -5.0039

Trichromacy



Original Color

23.6341, 5.4138, -32.3515

Protanomaly

23.6727, 5.5369, -32.2490

Deuteranomaly

23.4102, 1.9171, -31.3549

Tritanomaly

23.3165, -6.1201, -13.8796

Monochromacy



Original Color

23.6341, 5.4138, -32.3515

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.5379, -0.3062, -8.7266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6341, 5.4138, -32.3515 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(36, 65, 123)` looks like.

```
.text, #text, p{  
    color:rgb(36, 65, 123)  
}
```

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(36, 65, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 65, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6341, 5.4138, -32.3515 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(36, 65, 123) }
```


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

```
.border{ border-color:rgb(36, 65, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 65, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 65, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 65, 123);  
box-shadow:4px 4px 4px 4px rgb(36, 65,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6341, 5.4138, -32.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 65, 123) }
```

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

```
.background{ background-color: rgb(36, 65,  
123) }
```

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