

Converting Colors

HunterLab(45.6305, -5.1652,
-23.3432)

Have a look what the booklet for
HunterLab(45.6305, -5.1652,
-23.3432) contains.

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Color

HunterLab(45.6305, -5.1652,
-23.3432)

Conversions

Conversions Part 1

Format	Color
Hex	5382AD
RGB	83, 130, 173
RGB Percent	33%, 51%, 68%
CMY	0.6745, 0.4902, 0.3216
CMYK	0.52, 0.25, 0.00, 0.32
HSL	209°, 35%, 50%
HSV	209°, 52%, 68%
XYZ	19.0928, 20.8214, 42.5478
YIQ	120.8490, -41.8150, 3.4090

Conversions

Conversions Part 2

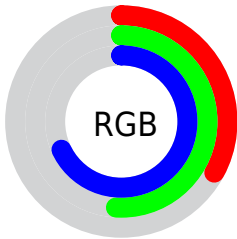
Format	Color
R_{YB}	83, 114, 173
Decimal	5472941
CIE _{Lab}	52.75, -3.52, -27.68
CIE _{LCh}	53, 27.900, 262.747
Yxy	20.8222, 0.2315, 0.2525
Android (android.graphics.Color)	4283663021 (0xFF5382AD)
YUV	120.8490, 25.7104, -33.1936
Hunter-Lab	45.6305, -5.1652, -23.3432

Details

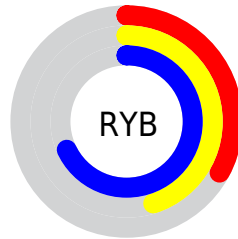
The HunterLab color $45.6305, -5.1652, -23.3432$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $49.4282, 8.3209, 20.7856$, and the grayscale version is $43.5839, -2.3255, 2.3680$.

A 20% lighter version of the original color is $67.0279, -6.6281, -24.3849$, and $27.2453, -3.8758, -21.9481$ is the 20% darker color. If you saturate the color by 10%, you get $42.4495, -4.0757, -29.1343$, and if you desaturate by 10%, it is $48.9875, -5.7139, -17.7644$.

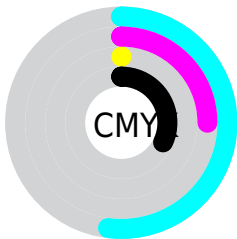
Distribution



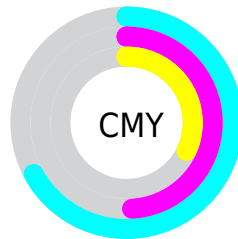
- Red (33%)
- Green (51%)
- Blue (68%)



- Red (33%)
- Yellow (45%)
- Blue (68%)



- Cyan (52%)
- Magenta (25%)
- Yellow (0%)
- Black (32%)



- Cyan (67%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.6305, -5.1652, -23.3432 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 45.6305, -5.1652, -23.3432 by changing the saturation by 10% instead.

■ 45.6305, -5.1652,
-23.3432

■ 45.6305, -5.1652,
-23.3432

160.1037,
-12.7247, -25.9160

■ 36.0473, -4.4420,
-22.7980

■ 66.9264, -6.6824,
-24.2962

■ 27.2479, -3.7413,
-22.2410

■ 78.5502, -7.4768,
-24.6907

■ 19.3105, -3.0607,
-21.7428

■ 90.7785, -8.2946,
-25.0283

■ 12.3415, -2.3942,
-21.5077

■ 103.5827, -9.1358,
-25.3101

■ 5.5220, -3.0747,
-27.7193

■ 116.9380, -9.9997,
-25.5377

0.0000, NaN, -NF

0.0000, NaN, NaN

130.8226,

-10.8862, -25.7132

0.0000, NaN, NaN

145.2170,
-11.7946, -25.8386

0.0000, NaN, NaN

■ 45.6305, -5.1652,
-23.3432

■ 45.6305, -5.1652,
-23.3432

■ 42.4495, -4.0757,
-29.1343

■ 48.9875, -5.7139,
-17.7644

■ 39.4601, -2.3835,
-35.1300

■ 52.5012, -5.7847,
-12.3982

■ 36.6812, -0.0371,
-41.3017

■ 56.1570, -5.4370,
-7.2329

■ 34.1279, 2.9881,
-47.6029

■ 59.9414, -4.7241,
-2.2530

■ 32.2299, 5.7829,
-52.7683

■ 63.8427, -3.6927,
2.5587

■ 67.8506, -2.3830,
7.2201

■ 71.9561, -0.8294,
11.7482

■ 76.1514, 0.9390,
16.1589

■ 80.4298, 2.8971,
20.4669

Harmonies

Analogous

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



45.6313, -14.9333, -17.3677



45.6305, -5.1652, -23.3432



45.6313, 6.3287, -21.1634

Triad

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



45.6313, -5.1652, -23.3423



45.6313, 19.5292, 9.8166



45.6313, -18.5698, 13.3663

Complementary

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



45.6305, -5.1652, -23.3432



49.4282, 8.3209, 20.7856

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.



45.6313, -10.5876, 17.8037



45.6305, -5.1652, -23.3432



45.6313, 11.5675, 16.1320

Square

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



45.6313, -5.1652, -23.3423



45.6313, 21.3421, -0.2211



45.6313, 0.3564, 18.6749



45.6313, -22.1651, 5.0327

Rectangle

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



45.6305, -5.1652, -23.3432



45.6313, 13.3728, -15.5832



45.6313, 0.3564, 18.6749



45.6313, -16.3504, 15.2706

Sweetspot

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



45.6313, -5.1652, -23.3423



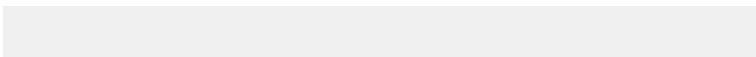
78.0403, -6.7839, -5.8244



57.6259, -32.0383, 14.9846



35.9139, -3.2497, -3.3303



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



45.6313, -5.1652, -23.3423



56.3706, -5.2534, -39.8294



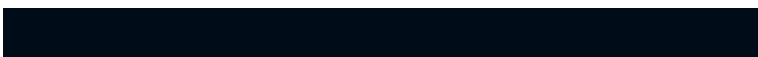
33.9302, 16.5811, -47.8869



29.0228, -2.1289, -0.4428



27.8322, 4.5650, -44.6425



5.6942, -1.0169, -4.9221

Inverse Universe

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



40.8452, 34.9640, -4.8764



49.9172, 56.7538, -6.6302



61.8537, -12.5199, 30.0495



28.4299, 1.5649, 0.6652



26.6177, 47.6809, 0.9428



4.5615, 8.3929, -1.5570

Previews

White Background



This preview shows how the HunterLab color 45.6305, -5.1652, -23.3432 looks on a white background.

Color Contrast Check

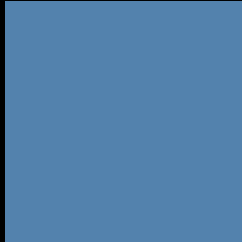
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 45.6305, -5.1652, -23.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

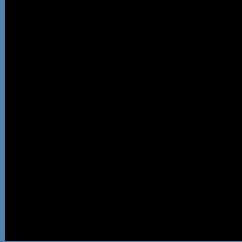
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 45.6305, -5.1652, -23.3432 Background



This preview shows how black text looks on a background with the HunterLab color 45.6305, -5.1652, -23.3432.

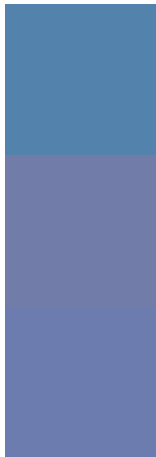


This preview shows how white text looks on a background with the HunterLab color 45.6305, -5.1652, -23.3432.

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

45.6305, -5.1652, -23.3432

Protanopia

45.5556, 2.8970, -20.0927

Deuteranopia

45.5220, 3.2864, -24.0478



Tritanopia

45.6718, -14.7492, -7.4182

Trichromacy



Original Color

45.6305, -5.1652, -23.3432

Protanomaly

45.4409, -0.1880, -21.6235

Deuteranomaly

45.4830, 0.2942, -24.1689

Tritanomaly

45.5556, -11.3527, -13.0626

Monochromacy



Original Color

45.6305, -5.1652, -23.3432

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.0846, -4.2466, -6.2782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.6305, -5.1652, -23.3432 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(83, 130, 173)` looks like.

```
.text, #text, p{  
    color:rgb(83, 130, 173)  
}
```

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(83, 130, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 130, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 45.6305, -5.1652, -23.3432 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(83, 130, 173) }
```


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

```
.border{ border-color:rgb(83, 130, 173) }
```

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

Here you see how a box with a 4 pixel rgb(83, 130, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 130, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 130, 173);  
box-shadow:4px 4px 4px 4px rgb(83, 130,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.6305, -5.1652, -23.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 130, 173) }
```

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

```
.background{ background-color: rgb(83, 130,  
173) }
```

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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