

Converting Colors

HunterLab(20.4519, 14.3416,
-56.5224)

Have a look what the booklet for
HunterLab(20.4519, 14.3416,
-56.5224) contains.

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Color

**HunterLab(20.5003, 14.3760,
-56.6572)**

Conversions

Conversions Part 1

Format	Color
Hex	00338A
RGB	0, 51, 138
RGB Percent	0%, 20%, 54%
CMY	0.9999, 0.8000, 0.4588
CMYK	1.00, 0.63, 0.00, 0.46
HSL	218°, 100%, 27%
HSV	218°, 100%, 54%
XYZ	5.7713, 4.2026, 24.5517
YIQ	45.6690, -58.3230, 16.2450

Conversions

Conversions Part 2

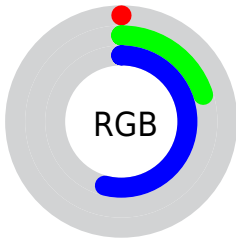
Format	Color
RYB	0, 37, 138
Decimal	13194
CIELab	24.33, 22.69, -52.20
CIELCh	24, 56.914, 293.492
Yxy	4.2027, 0.1672, 0.1217
Android (android.graphics.Color)	4278203274 (0xFF00338A)
YUV	45.6690, 45.5192, -40.0517
Hunter-Lab	20.5003, 14.3760, -56.6572

Details

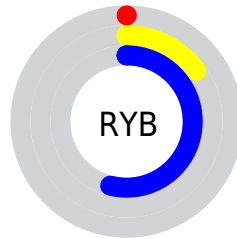
The HunterLab color **20.5003, 14.3760, -56.6572** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.9615, 9.7408, 21.7127**, and the grayscale version is **16.2899, -0.8692, 0.8851**.

A 20% lighter version of the original color is **37.5559, 15.9438, -55.3081**, and **9.3994, 18.0755, -50.7682** is the 20% darker color. If you saturate the color by 10%, you get **20.4976, 14.3828, -56.6684**, and if you desaturate by 10%, it is **22.6437, 10.5568, -48.8211**.

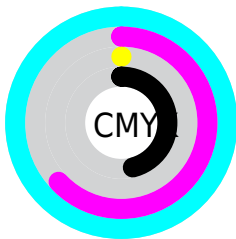
Distribution



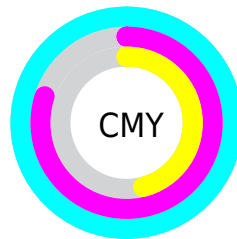
- Red (0%)
- Green (20%)
- Blue (54%)



- Red (0%)
- Yellow (15%)
- Blue (54%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (80%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5003, 14.3760, -56.6572 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 20.5003, 14.3760, -56.6572 by changing the saturation by 10% instead.

■ 20.5003, 14.3760,
-56.6572

■ 20.5003, 14.3760,
-56.6572

■ 119.0920, 19.1209,
-60.5018

■ 13.3701, 13.2631,
-59.4982

■ 37.5076, 16.1474,
-55.7607

■ 6.9240, 14.2015,
-72.5598

■ 47.2095, 16.8407,
-56.1588

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.6281, 17.4275,
-56.7678

0.0000, NaN, -NF

■ 68.7172, 17.9202,
-57.4809

0.0000, NaN, NaN

■ 80.4383, 18.3286,
-58.2391

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7592, 18.6606,

-59.0079

0.0000, NaN, NaN

105.6518, 18.9228,
-59.7664

■ 20.5003, 14.3760,
-56.6572

■ 20.5003, 14.3760,
-56.6572

■ 20.4976, 14.3828,
-56.6684

■ 22.6437, 10.5568,
-48.8211

■ 25.0191, 7.2109,
-41.4382

■ 27.6357, 4.4716,
-34.4789

■ 30.4596, 2.2934,
-27.9945

■ 33.4614, 0.6075,
-21.9756

■ 36.6164, -0.6578,
-16.3826

■ 39.9046, -1.5683,
-11.1642

■ 43.3095, -2.1804,
-6.2681

■ 46.8179, -2.5413,
-1.6459

Harmonies

Analogous

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



20.5005, -4.8248, -64.5454



20.5003, 14.3760, -56.6572



20.5005, 34.2227, -29.1596

Triad

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



20.5005, 14.3772, -56.6567



20.5005, 23.4442, 14.3504



20.5005, -25.1927, 4.4678

Complementary

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



20.5003, 14.3760, -56.6572



34.9615, 9.7408, 21.7127

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.



20.5005, -21.9612, 12.7147



20.5003, 14.3760, -56.6572



20.5005, 2.9222, 14.3504

Square

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



20.5005, 14.3772, -56.6567



20.5005, 40.5834, 10.3031



20.5005, -13.0127, 14.3504



20.5005, -23.9592, -16.5244

Rectangle

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



20.5003, 14.3760, -56.6572



20.5005, 43.0154, -10.4318



20.5005, -13.0127, 14.3504



20.5005, -24.6427, 8.3686

Sweetspot

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



20.5005, 14.3772, -56.6567



52.6884, -2.0157, -15.2626



43.3990, -31.8046, 14.4136



24.1951, -0.7656, -8.3998



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



20.5005, 14.3772, -56.6567



26.6929, 20.3698, -77.3364



13.9521, 37.0372, -92.9340



22.7492, -1.2367, -0.6139



19.6935, 13.6113, -53.9981



2.2821, -0.2086, -2.4022

Inverse Universe

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



23.7544, 41.6817, 7.5500



31.4913, 55.1769, 10.6810



47.2309, -18.0245, 28.7872



22.5326, 1.0037, 0.9383



22.7502, 39.9348, 7.1474



1.9246, 3.5104, -0.4196

Previews

White Background



This preview shows how the HunterLab color 20.5003, 14.3760, -56.6572 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 20.5003, 14.3760, -56.6572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

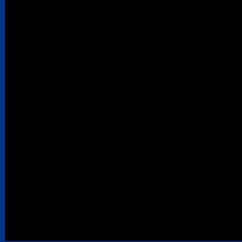
Any Text WCAG AA × Fail

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 20.5003, 14.3760, -56.6572 Background



This preview shows how black text looks on a background with the HunterLab color 20.5003, 14.3760, -56.6572.



This preview shows how white text looks on a background with the HunterLab color 20.5003, 14.3760, -56.6572.

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

20.5003, 14.3760, -56.6572

Protanopia

20.3967, 5.8220, -38.0621

Deuteranopia

20.4720, -0.8259, -23.8054



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.5003, 14.3760, -56.6572

Protanomaly

20.3585, 8.9576, -44.7832

Deuteranomaly

20.4060, 4.1570, -34.4796

Tritanomaly

20.0994, -2.8811, -18.9031

Monochromacy



Original Color

20.5003, 14.3760, -56.6572

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.1453, 0.9676, -14.9981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5003, 14.3760, -56.6572 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(0, 51, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 138)  
}
```

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(0, 51, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5003, 14.3760, -56.6572 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(0, 51, 138) }
```


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

```
.border{ border-color:rgb(0, 51, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 138)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5003, 14.3760, -56.6572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 138) }
```

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

```
.background{ background-color: rgb(0, 51,  
138) }
```

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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