

Converting Colors

HunterLab(41.9545, 4.4186,
-55.6935)

Have a look what the booklet for
HunterLab(41.9545, 4.4186,
-55.6935) contains.

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Color

**HunterLab(41.9545, 4.4186,
-55.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	2975CD
RGB	41, 117, 205
RGB Percent	16%, 46%, 80%
CMY	0.8392, 0.5412, 0.1961
CMYK	0.80, 0.43, 0.00, 0.20
HSL	212°, 67%, 48%
HSV	212°, 80%, 80%
XYZ	18.2952, 17.6018, 60.1909
YIQ	104.3080, -73.5440, 11.2560

Conversions

Conversions Part 2

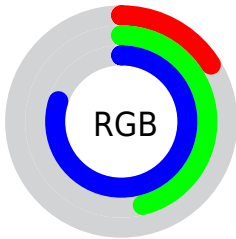
Format	Color
R _Y B	41, 93, 205
Decimal	2717133
CIE Lab	49.01, 8.48, -52.06
CIE LCh	49, 52.742, 279.253
Yxy	17.6023, 0.1904, 0.1832
Android (android.graphics.Color)	4280907213 (0xFF2975CD)
YUV	104.3080, 49.6412, -55.5211
Hunter-Lab	41.9545, 4.4186, -55.6935

Details

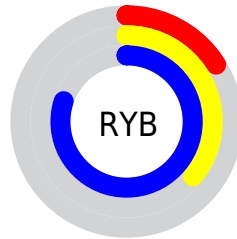
The HunterLab color **41.9545, 4.4186, -55.6935** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **53.7063, 17.1218, 31.0760**, and the grayscale version is **37.1629, -1.9829, 2.0191**.

A 20% lighter version of the original color is **62.4825, 1.8423, -51.2401**, and **25.6560, 8.6406, -50.7203** is the 20% darker color. If you saturate the color by 10%, you get **38.5617, 8.7679, -64.8901**, and if you desaturate by 10%, it is **45.6674, 0.9733, -46.8302**.

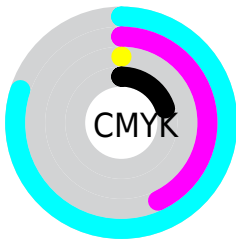
Distribution



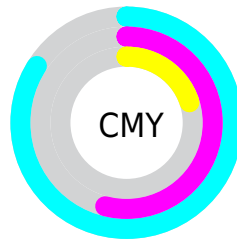
- Red (16%)
- Green (46%)
- Blue (80%)



- Red (16%)
- Yellow (36%)
- Blue (80%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9545, 4.4186, -55.6935 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 41.9545, 4.4186, -55.6935 by changing the saturation by 10% instead.

■ 41.9545, 4.4186,
-55.6935

■ 41.9545, 4.4186,
-55.6935

154.4733, 1.8562,
-61.9499

■ 32.6571, 4.4159,
-55.4741

■ 62.7364, 4.2119,
-56.8789

■ 24.1701, 4.3251,
-55.8571

■ 74.1256, 4.0168,
-57.6188

■ 16.5808, 4.1287,
-57.5384

■ 86.1311, 3.7684,
-58.3845

■ 10.0112, 3.7975,
-62.4883

■ 98.7228, 3.4711,
-59.1491

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.8745, 3.1285,
-59.8963

0.0000, NaN, -NF

125.5633, 2.7435,

0.0000, NaN, NaN

-60.6159

0.0000, NaN, NaN

139.7690, 2.3187,
-61.3017

■ 41.9545, 4.4186,
-55.6935

■ 41.9545, 4.4186,
-55.6935

■ 38.5617, 8.7679,
-64.8901

■ 45.6674, 0.9733,
-46.8302

■ 35.4854, 13.9166,
-74.3942

■ 49.6673, -1.6214,
-38.3720

■ 35.4834, 13.9203,
-74.4010

■ 53.9228, -3.4494,
-30.3405

■ 58.4048, -4.6048,
-22.7253

■ 63.0878, -5.1782,
-15.4974

■ 67.9497, -5.2512,
-8.6189

■ 72.9718, -4.8946,
-2.0496

■ 78.1382, -4.1684,
4.2495

■ 83.4355, -3.1231,
10.3145

Harmonies

Analogous

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



41.9551, -15.5506, -51.5127



41.9545, 4.4186, -55.6935



41.9551, 26.3401, -39.4219

Triad

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



41.9551, 4.4195, -55.6924



41.9551, 33.6396, 19.9882



41.9551, -33.5998, 13.6957

Complementary

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



41.9545, 4.4186, -55.6935



53.7063, 17.1218, 31.0760

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.



41.9551, -24.7642, 22.4131



41.9545, 4.4186, -55.6935



41.9551, 12.9675, 24.6130

Square

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



41.9551, 4.4195, -55.6924



41.9551, 45.2549, 7.9782



41.9551, -8.5101, 25.2078



41.9551, -34.9976, -4.3411

Rectangle

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



41.9545, 4.4186, -55.6935



41.9551, 38.1914, -22.3430



41.9551, -8.5101, 25.2078



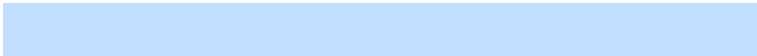
41.9551, -31.4975, 17.5056

Sweetspot

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



41.9551, 4.4195, -55.6924



84.2553, -6.7528, -14.7754



67.6060, -47.8830, 22.7665



37.9455, -3.0980, -8.3130

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.9551, 4.4195, -55.6924



46.4859, 15.9501, -91.7430



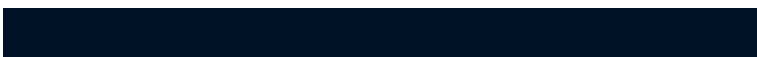
25.6647, 45.2349, -116.8251



34.1855, -2.2677, -0.7764



28.3273, 10.2913, -57.6225



7.5185, 0.2746, -9.9902

Inverse Universe

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



39.8127, 61.1626, 0.5396



47.8826, 83.8316, 7.5112



74.8589, -21.4902, 44.0889



33.6136, 1.8469, 1.0004



29.3480, 52.0756, 4.8846



6.7795, 12.2410, -0.5101

Previews

White Background



This preview shows how the HunterLab color 41.9545, 4.4186, -55.6935 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 × Fail

Black Background



This preview shows how the HunterLab color 41.9545, 4.4186, -55.6935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

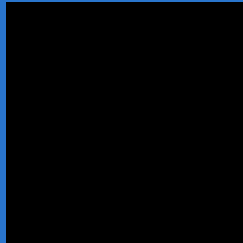
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

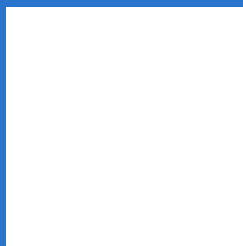
Any Text WCAG AAA × Fail

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

HunterLab 41.9545, 4.4186, -55.6935 Background



This preview shows how black text looks on a background with the HunterLab color 41.9545, 4.4186, -55.6935.



This preview shows how white text looks on a background with the HunterLab color 41.9545, 4.4186, -55.6935.

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

41.9545, 4.4186, -55.6935

Protanopia

41.9092, 9.4078, -52.1864

Deuteranopia

41.8183, 3.9658, -56.0511



Tritanopia

41.8754, -20.2644, -8.5955

Trichromacy



Original Color

41.9545, 4.4186, -55.6935

Protanomaly

41.6601, 7.3376, -53.7242

Deuteranomaly

41.8613, 4.1089, -55.9380

Tritanomaly

41.6862, -12.7795, -23.1542

Monochromacy



Original Color

41.9545, 4.4186, -55.6935

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.2226, -3.0520, -15.5894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9545, 4.4186, -55.6935 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(41, 117, 205)` looks like.

```
.text, #text, p{  
    color:rgb(41, 117, 205)  
}
```

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(41, 117, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 117, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9545, 4.4186, -55.6935 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(41, 117, 205) }
```


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

```
.border{ border-color:rgb(41, 117, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 117, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 117, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 117, 205);  
box-shadow:4px 4px 4px 4px rgb(41, 117,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9545, 4.4186, -55.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 117, 205) }
```

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

```
.background{ background-color: rgb(41, 117,  
205) }
```

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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